REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
1	DOOR 1			
2	DOOR 2			
3	DOOR 3			
4	DOOR 4			
5	DOOR 5			
6	DOOR 6			
10	SUPPLY	29/10/91	06/24/93	
11	DIGITAL OUTPUT SUPPLY		06/24/93	
12	DIGITAL INPUT SUPPLY		06/24/93	
13	FREE			
14	SUPPLY		06/24/93	
15	SUPPLY		06/24/93	
16	ANALOG OUTPUT SUPPLY			
17	SUPPLY		06/24/93	
18	VIDIO SUPPLY		06/24/93	
19	LIGHTING BOARD			
20	EMERGENCY STOP	13/08/91	06/24/93	
21	EMERGENCY STOP SIGNALISATION		06/24/93	
22	FREE			
23	DEFECT SYSTEM		06/24/93	
24	P.L.C SUPPLY		06/24/93	
25	DOOR LOCKED			
30	RACK TSX_87_40	13/08/91	06/24/93	
32	4 P.L.C ANALOG INPUT		06/24/93	
33	4 P.L.C ANALOG INPUT			
34	4 P.L.C ANALOG INPUT	13/08/91	06/24/93	
35	4 P.L.C ANALOG INPUT			
36	4 P.L.C ANALOG INPUT		06/24/93	
37	4 P.L.C ANALOG INPUT			
38	4 P.L.C ANALOG INPUT		06/24/93	
39	RACK TSX_REC_860			
40	4 P.L.C ANALOG INPUT		06/24/93	

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	REPERTORY					DRAWING DESCRIPTION	KF023 F12	Page #	II		
								Total			
DRAWN BY	LEO TSAI					DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE	NONE	UNIT	MM

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
41	4 P.L.C ANALOG INPUT		06/24/93	
42	4 P.L.C ANALOG INPUT			
43	4 P.L.C ANALOG INPUT			
44	4 P.L.C ANALOG INPUT			
45	4 P.L.C ANALOG INPUT			
46	4 P.L.C ANALOG INPUT			
47	4 P.L.C ANALOG INPUT			
48	RACK TSX_REC_860	13/08/91	06/24/93	
49	FREE			
50	FREE			
51	FREE			
52	FREE			
53	FREE			
54	FREE			
55	FREE			
56	FREE			
57	8 P.L.C ANALOG INPUT			
58	8 P.L.C ANALOG INPUT			
59	8 P.L.C ANALOG INPUT			
60	8 P.L.C ANALOG INPUT			
61	8 P.L.C ANALOG INPUT			
62	8 P.L.C ANALOG INPUT			
63	4 P.L.C ANALOG OUTPUT			
64	4 P.L.C ANALOG OUTPUT		06/24/93	
65	4 P.L.C ANALOG OUTPUT			
66	RACK TSX_RCE_860	13/08/91		
67	4 P.L.C ANALOG OUTPUT			
68	32 P.L.C DIGITAL INPUT	13/08/91	06/24/93	
69	32 P.L.C DIGITAL INPUT	13/08/91	06/24/93	
70	32 P.L.C DIGITAL INPUT		06/24/93	
71	32 P.L.C DIGITAL INPUT			
72	32 P.L.C DIGITAL INPUT			

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	REPERTORY					DRAWING DESCRIPTION	KF023 F12	Page #	III		
								Total			
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CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE	NONE	UNIT	MM

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
73	32 P.L.C DIGITAL INPUT			
74	32 P.L.C DIGITAL INPUT			
75	32 P.L.C DIGITAL INPUT			
76	32 P.L.C DIGITAL INPUT			
77	32 P.L.C DIGITAL INPUT			
78	32 P.L.C DIGITAL INPUT			
79	32 P.L.C DIGITAL INPUT			
80	32 P.L.C DIGITAL INPUT			
81	32 P.L.C DIGITAL INPUT			
82	32 P.L.C DIGITAL INPUT		06/24/93	
83	32 P.L.C DIGITAL INPUT		06/24/93	
84	32 P.L.C DIGITAL INPUT		06/24/93	
85	32 P.L.C DIGITAL INPUT		06/24/93	
86	32 P.L.C DIGITAL INPUT		06/24/93	
87	32 P.L.C DIGITAL INPUT			
88	32 P.L.C DIGITAL INPUT		06/24/93	
89	32 P.L.C DIGITAL INPUT			
90	32 P.L.C DIGITAL INPUT			
91	32 P.L.C DIGITAL INPUT			
92	32 P.L.C DIGITAL INPUT			
93	32 P.L.C DIGITAL INPUT	13/08/91	06/24/93	
94	32 P.L.C DIGITAL INPUT	13/08/91	06/24/93	
95	32 P.L.C DIGITAL INPUT		06/24/93	
96	RACK TSX_RCE_860	13/08/91		
97	32 P.L.C DIGITAL OUTPUT	13/08/91		
98	32 P.L.C DIGITAL OUTPUT			
99	32 P.L.C DIGITAL OUTPUT		06/24/93	
100	32 P.L.C DIGITAL OUTPUT			
101	32 P.L.C DIGITAL OUTPUT			
102	32 P.L.C DIGITAL OUTPUT			
103	32 P.L.C DIGITAL OUTPUT			
104	32 P.L.C DIGITAL OUTPUT			

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
137	32 P.L.C DIGITAL OUTPUT	13/08/91		
140	32 P.L.C DIGITAL OUTPUT			
141	32 P.L.C DIGITAL OUTPUT			
142	32 P.L.C DIGITAL OUTPUT			
143	32 P.L.C DIGITAL OUTPUT			
144	32 P.L.C DIGITAL OUTPUT			
145	32 P.L.C DIGITAL OUTPUT			
146	32 P.L.C DIGITAL OUTPUT			
147	32 P.L.C DIGITAL OUTPUT			
170	32 P.L.C DIGITAL OUTPUT		06/24/93	
171	32 P.L.C DIGITAL OUTPUT		06/24/93	
172	32 P.L.C DIGITAL OUTPUT		06/24/93	
173	32 P.L.C DIGITAL OUTPUT			
174	32 P.L.C DIGITAL OUTPUT		06/24/93	
175	32 P.L.C DIGITAL OUTPUT		06/24/93	
176	32 P.L.C DIGITAL OUTPUT		06/24/93	
177	32 P.L.C DIGITAL OUTPUT		06/24/93	
178	32 P.L.C DIGITAL OUTPUT		06/24/93	
179	32 P.L.C DIGITAL OUTPUT		06/24/93	
180	32 P.L.C DIGITAL OUTPUT		06/24/93	
181	32 P.L.C DIGITAL OUTPUT		06/24/93	
182	32 P.L.C DIGITAL OUTPUT		06/24/93	
183	32 P.L.C DIGITAL OUTPUT		06/24/93	
184	32 P.L.C DIGITAL OUTPUT		06/24/93	
185	FREE		06/24/93	
186	MELT PRESSURE AFTER EXT.1		06/24/93	
187	MELT PRESSURE BEFORE EXT.1			
188	MELT PRESSURE AFTER EXT.2			
189	MELT PRESSURE BEFORE EXT.2			
190	MELT PRESSURE AFTER SAT.1			
191	MELT PRESSURE BEFORE SAT.1		06/24/93	
192	MELT PRESSURE AFTER SAT.2		06/24/93	

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY	LEO TSAI
CHECKED BY	VINCENT HUANG

REPERTORY

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DRAWING NO.		MATERIAL	
DRAWN DATE:	02-24-2012	SCALE	NONE
		UNIT	MM

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
105	32 P.L.C DIGITAL OUTPUT			
106	32 P.L.C DIGITAL OUTPUT			
107	32 P.L.C DIGITAL OUTPUT			
108	32 P.L.C DIGITAL OUTPUT			
109	32 P.L.C DIGITAL OUTPUT			
110	32 P.L.C DIGITAL OUTPUT			
111	32 P.L.C DIGITAL OUTPUT			
112	32 P.L.C DIGITAL OUTPUT			
113	32 P.L.C DIGITAL OUTPUT			
114	32 P.L.C DIGITAL OUTPUT			
115	32 P.L.C DIGITAL OUTPUT			
116	32 P.L.C DIGITAL OUTPUT			
117	32 P.L.C DIGITAL OUTPUT			
118	32 P.L.C DIGITAL OUTPUT			
119	32 P.L.C DIGITAL OUTPUT			
120	32 P.L.C DIGITAL OUTPUT			
121	32 P.L.C DIGITAL OUTPUT	13/08/91	06/24/93	
122	32 P.L.C DIGITAL OUTPUT		06/24/93	
123	32 P.L.C DIGITAL OUTPUT			
124	32 P.L.C DIGITAL OUTPUT			
125	32 P.L.C DIGITAL OUTPUT	13/08/91	06/24/93	
126	32 P.L.C DIGITAL OUTPUT	13/08/91	06/24/93	
127	32 P.L.C DIGITAL OUTPUT	13/08/91	06/24/93	
128	32 P.L.C DIGITAL OUTPUT	13/08/91		
129	FREE			
130	MELT PRESSURE AFTER EXT.1	13/08/91		
131	MELT PRESSURE BEFORE EXT.1	13/08/91		
132	MELT PRESSURE AFTER EXT.2	13/08/91		
133	MELT PRESSURE BEFORE EXT.2	13/08/91		
134	MELT PRESSURE AFTER SAT.1	13/08/91		
135	MELT PRESSURE BEFORE SAT.1	13/08/91		
136	MELT PRESSURE AFTER SAT.2	13/08/91		

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
193	TERMINAL BLOCK X12 129–160		06/24/93	
194	TERMINAL BLOCK X12 161–192			
195	TERMINAL BLOCK X12 193–224			
196	TERMINAL BLOCK X12 225–256		06/24/93	
197	TERMINAL BLOCK X12 257–288		06/24/93	
198	TERMINAL BLOCK X12 289–320		06/24/93	
199	TERMINAL BLOCK X12 321–352			
200	TERMINAL BLOCK X12 353–384			
201	TERMINAL BLOCK X12 385–416		06/24/93	
202	TERMINAL BLOCK X12 417–448		06/24/93	
203	TERMINAL BLOCK X12 449–480		06/24/93	
204	TERMINAL BLOCK X12 481–512		06/24/93	
205	TERMINAL BLOCK X12 513–544			
206	TERMINAL BLOCK X12 545–576		06/24/93	
207	TERMINAL BLOCK X12 577–608			
208	FREE			
209	TERMINAL BLOCK F12		06/24/93	
210	TERMINAL BLOCK F12		06/24/93	
211	TERMINAL BLOCK F12		06/24/93	
212	TERMINAL BLOCK F12			
213	TERMINAL BLOCK F12			
214	TERMINAL BLOCK F12			
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219	TERMINAL BLOCK F12			
220	TERMINAL BLOCK F12			
221	TERMINAL BLOCK F12			
222	TERMINAL BLOCK F12			
223	TERMINAL BLOCK F12			
224	TERMINAL BLOCK F12			

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: LEO TSAI
CHECKED BY: VINCENT HUANG

REPERTORY

REV. NO | REV. DESCRIPTION | REV. BY: | REV. DATE

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DRAWN DATE: 02–24–2012

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MATERIAL
SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

REPERTORY

MARK	MARK	MODIF.A	MODIF.B	MODIF.C
225	TERMINAL BLOCK F12		06/24/93	
226	TERMINAL BLOCK F12		06/24/93	
227	TERMINAL BLOCK F12			
230	LIST OF EQUIPMENT			
231	LIST OF EQUIPMENT			
232	LIST OF EQUIPMENT			
233	LIST OF EQUIPMENT			
234	LIST OF EQUIPMENT	29/10/91		
235	LIST OF EQUIPMENT			
236	LIST OF EQUIPMENT			

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: LEO TSAI
CHECKED BY: VINCENT HUANG

REPERTORY

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE

DRAWING DESCRIPTION: KF023 F12
DRAWING NO.:
DRAWN DATE: 02-24-2012

Page # VIII
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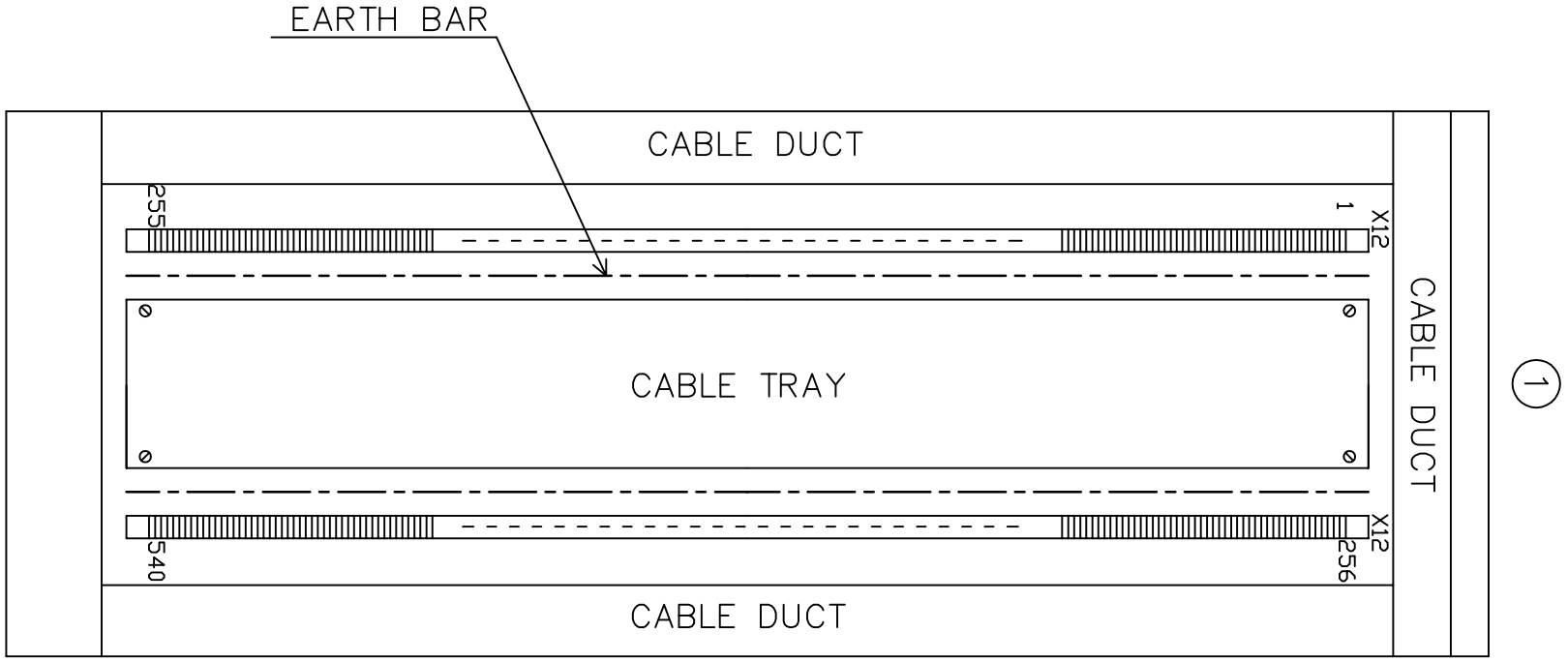

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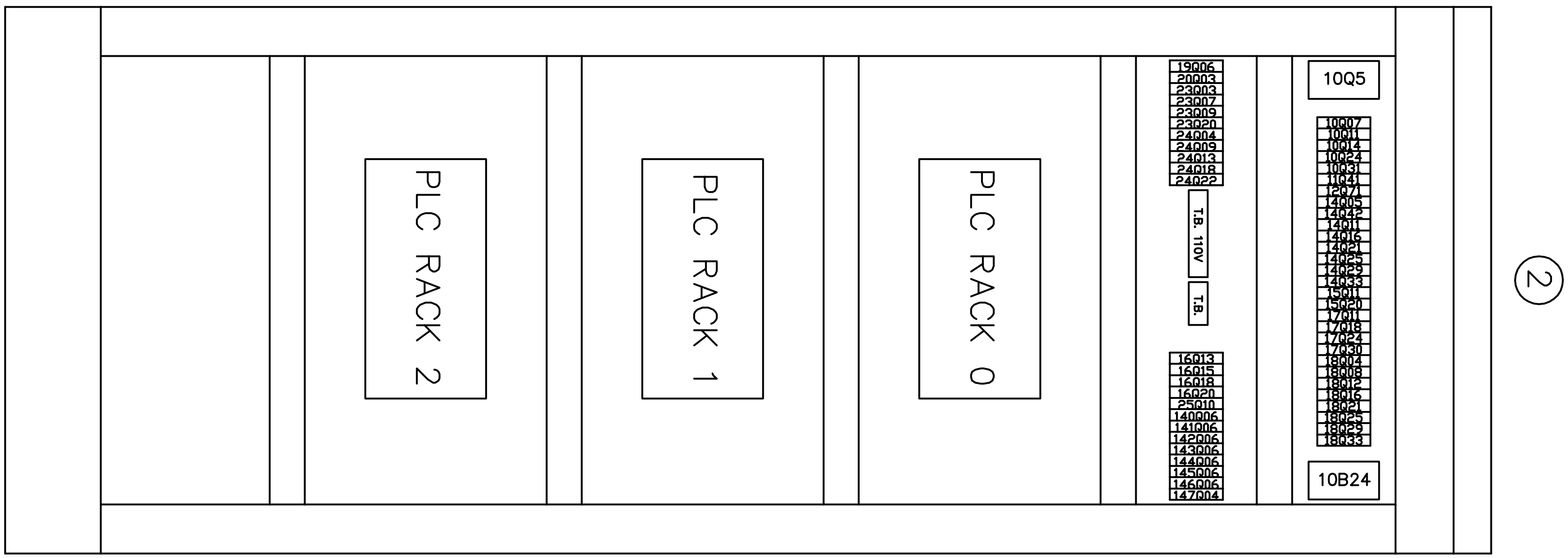

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CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE NONE	UNIT MM

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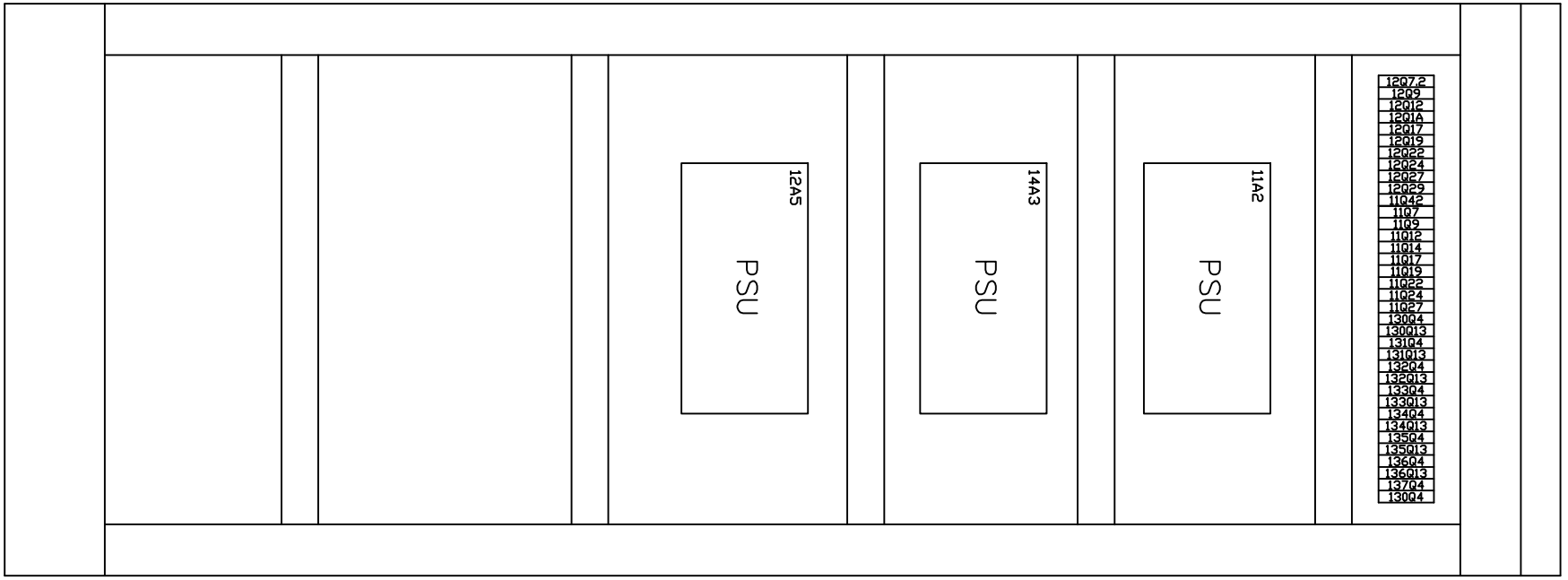

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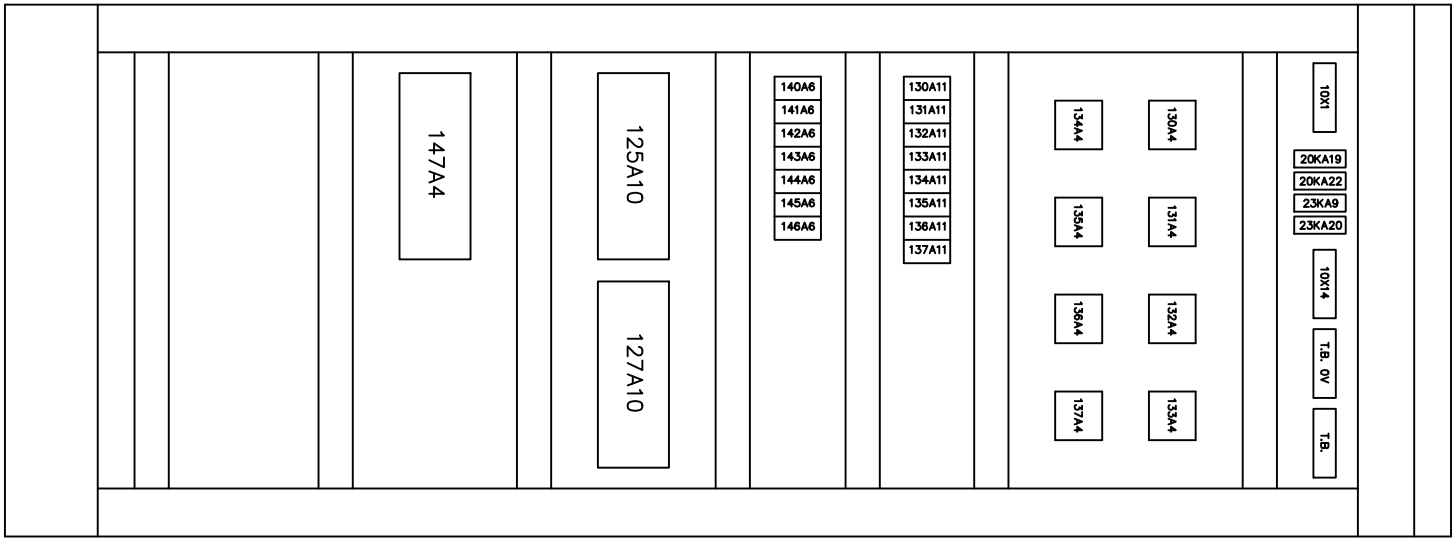

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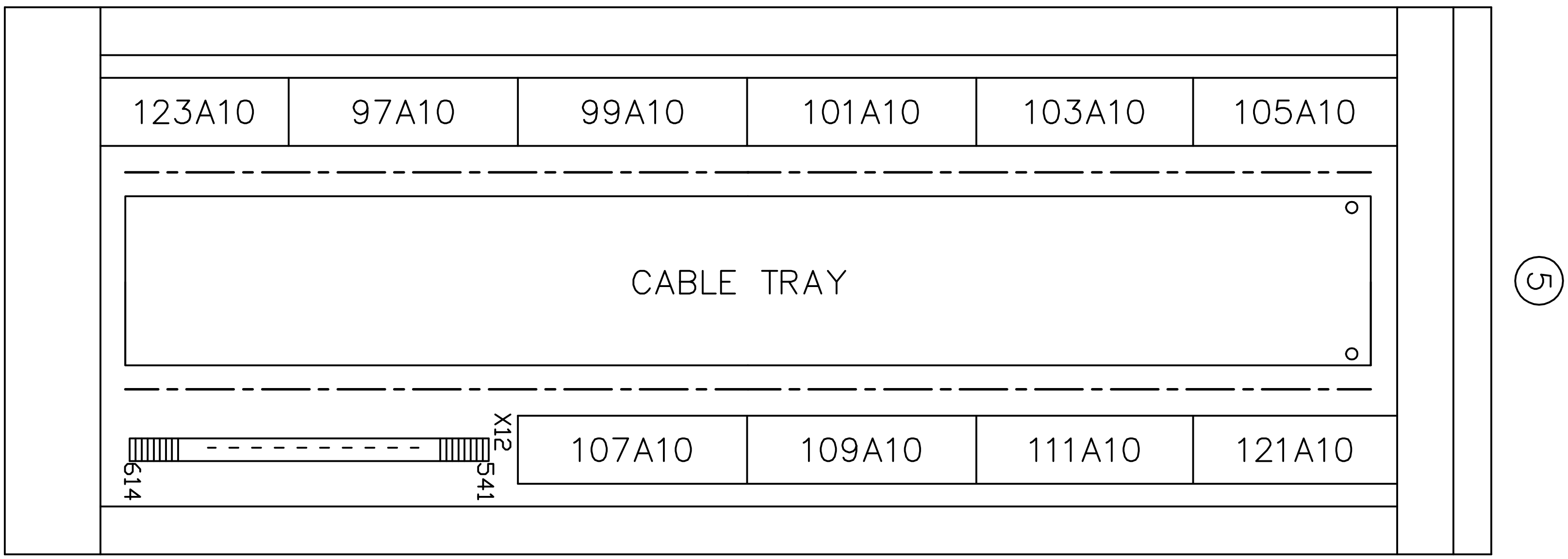

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			2		Edwin Lee	06/17/20			Total
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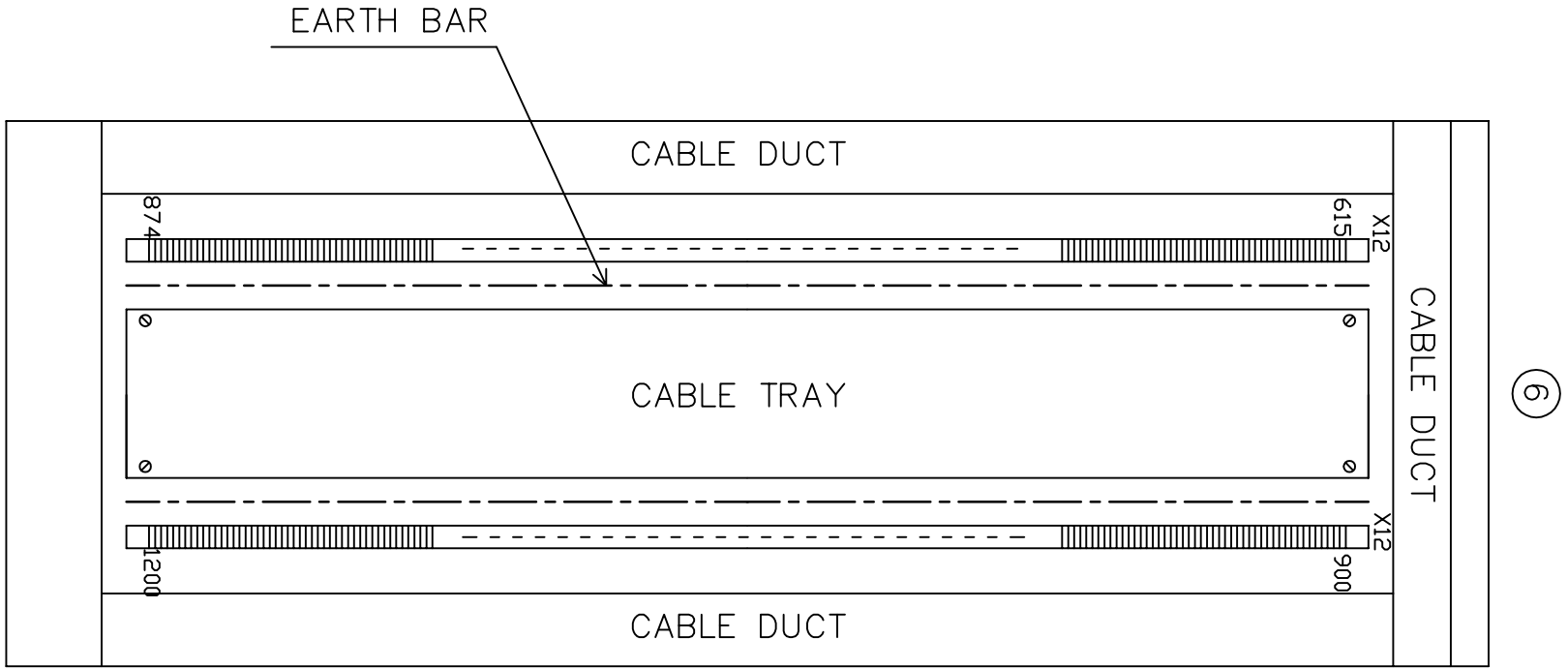

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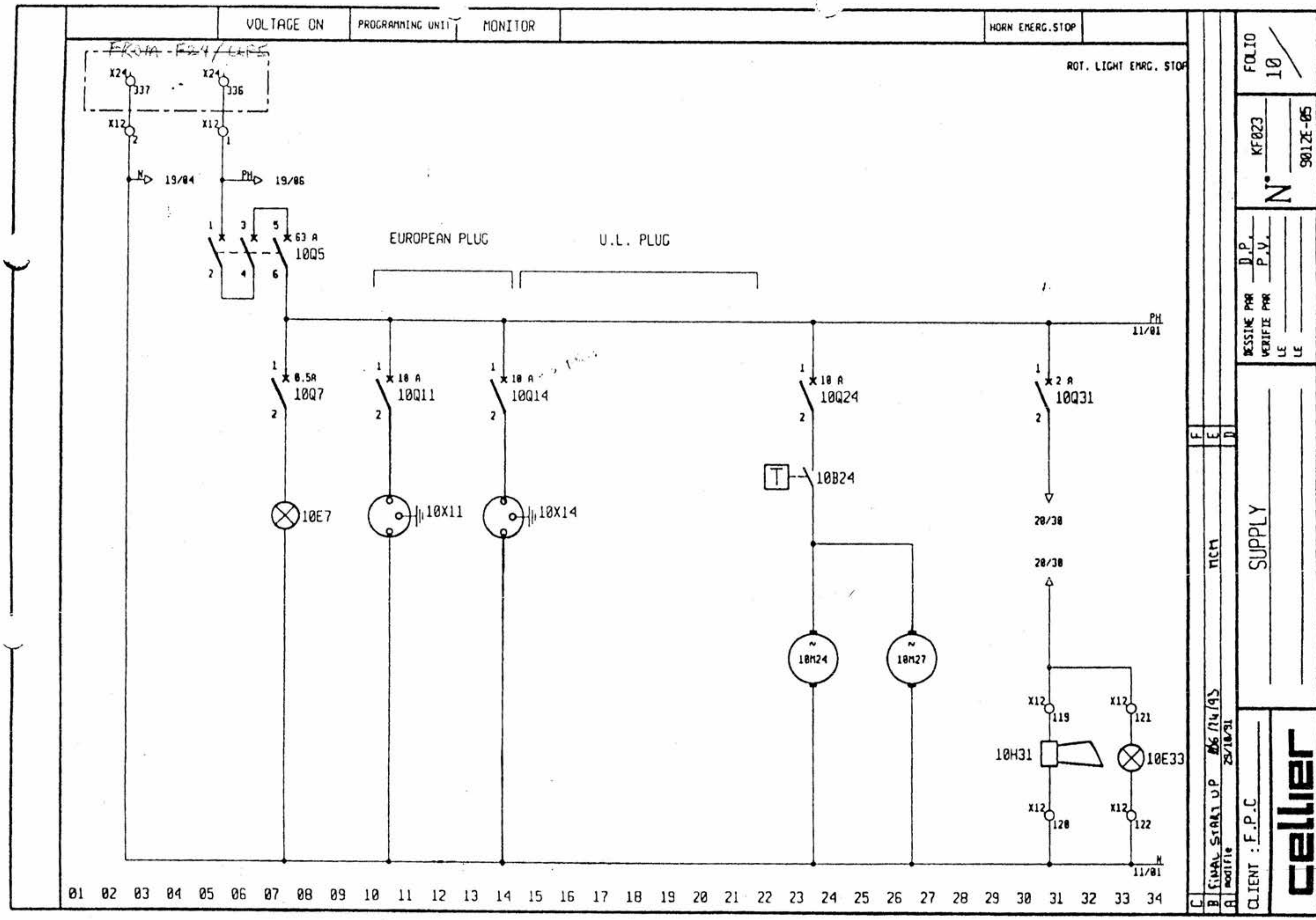
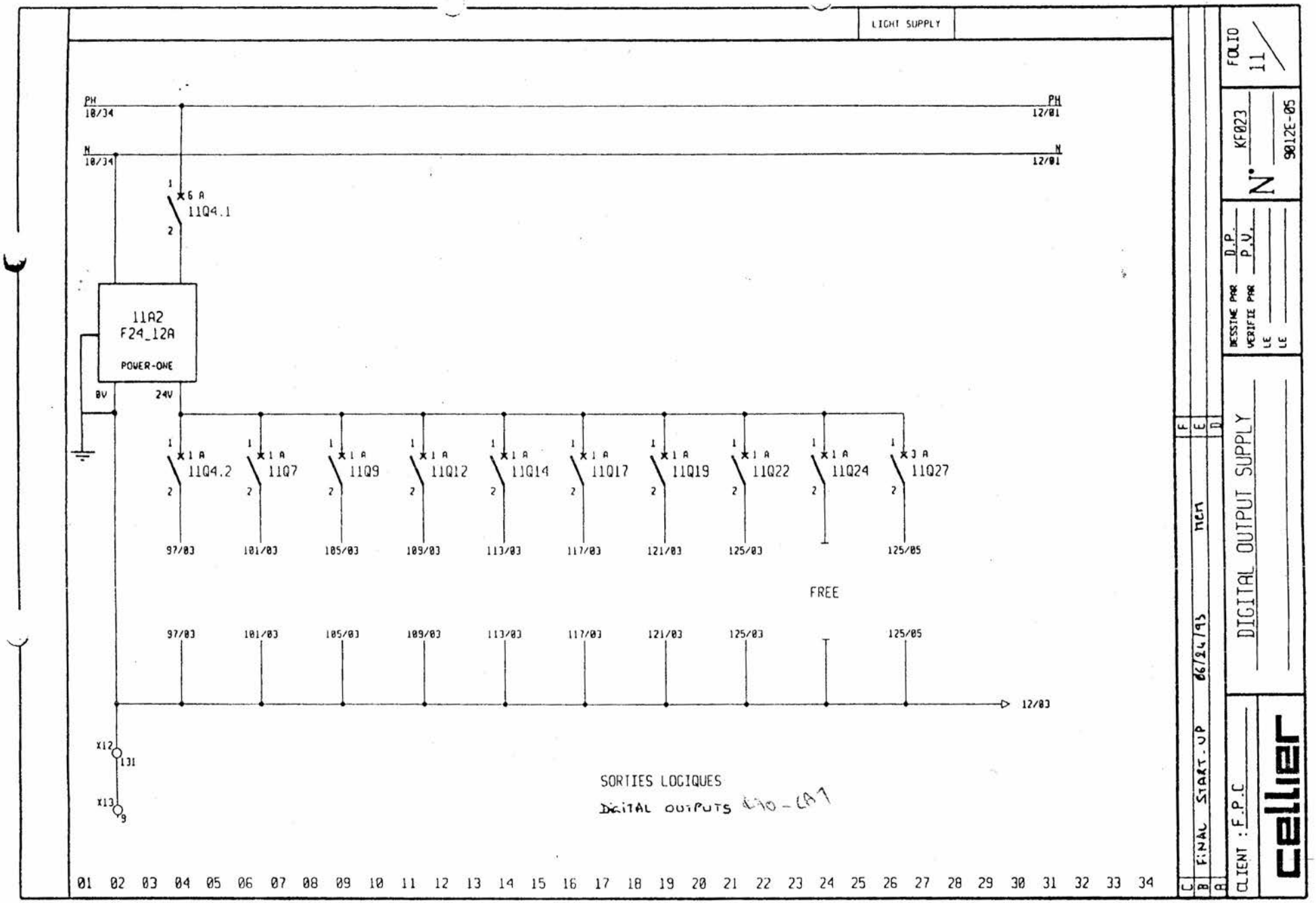

VOLTAGE ON
PROGRAMMING UNIT
MONITOR
HORN EMERG.STOP
ROT. LIGHT EMRG. STOP
X24 337
X24 336
X12 2
X12 1
N 19/04
PH 19/06
63 A 10Q5
EUROPEAN PLUG
U.L. PLUG
PH 11/01
0.5A 10Q7
10 A 10Q11
10 A 10Q14
10 A 10Q24
2 A 10Q31
10B24
10E7
10X11
10X14
20/30
20/30
10M24
10M27
X12 119
X12 121
10H31
10E33
X12 120
X12 122
N 11/01
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
FOLIO 10
N° KF023
9012E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
SUPPLY
CLIENT : F.P.C
celler
modifie
FINAL START UP


LIGHT SUPPLY
PH
10/34
PH
12/01
N
10/34
N
12/01
6 A
11Q4.1
11A2
F24_12A
POWER-ONE
8V
24V
1 A
11Q4.2
11Q7
11Q9
11Q12
11Q14
11Q17
11Q19
11Q22
11Q24
3 A
11Q27
97/03
101/03
105/03
109/03
113/03
117/03
121/03
125/03
125/05
FREE
12/03
X12
131
X13
9
SORTIES LOGIQUES
DIGITAL OUTPUTS 470-487
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B
A
FINAL START-UP 06/24/95 MEN
F
E
D
FOLIO 11/
N° KF023
9812E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
DIGITAL OUTPUT SUPPLY
CLIENT : F.P.C
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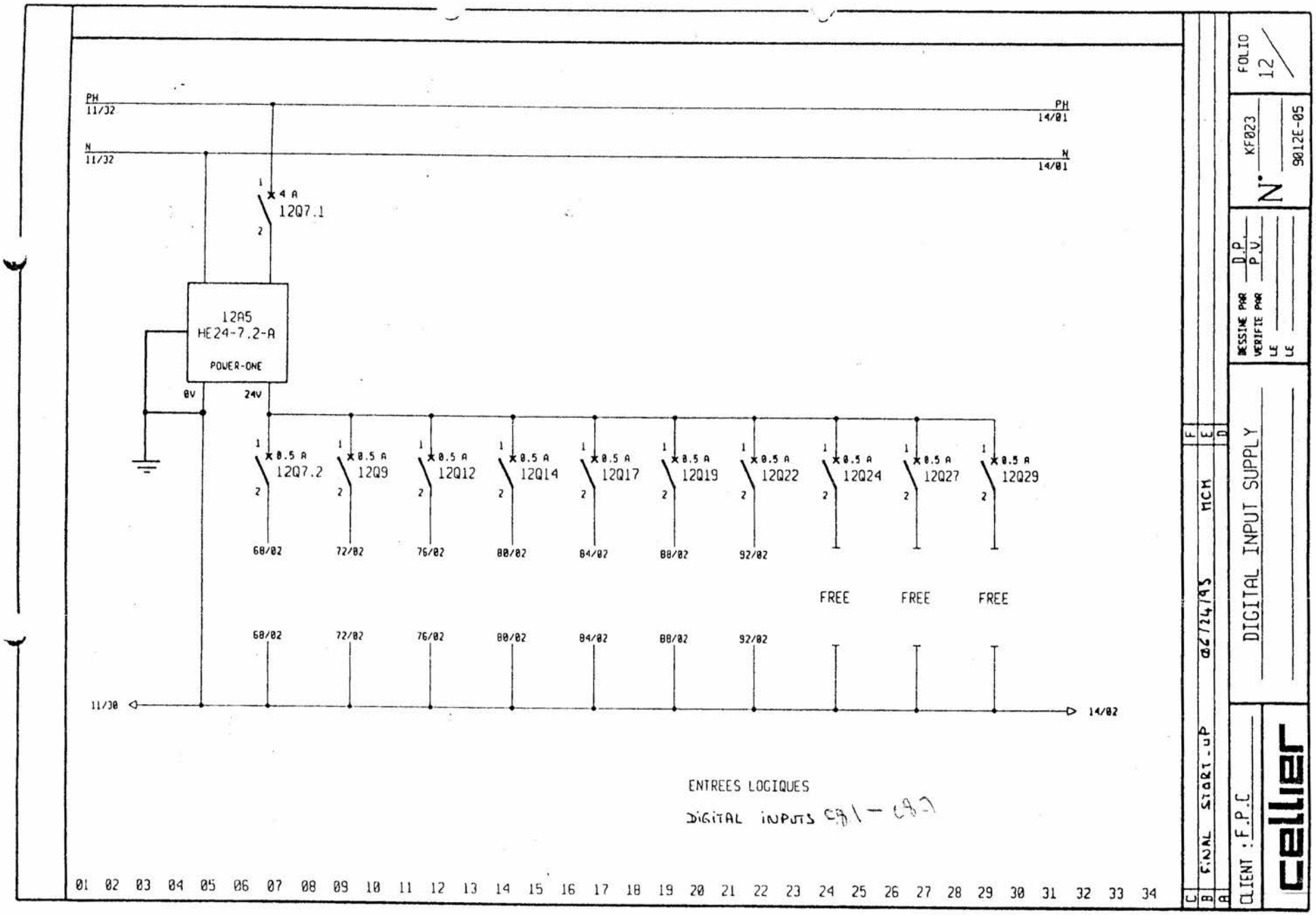

PH
11/32
PH
14/01
N
11/32
N
14/01
4 A
12Q7.1
12A5
HE24-7.2-A
POWER-ONE
0V
24V
0.5 A
12Q7.2
12Q9
12Q12
12Q14
12Q17
12Q19
12Q22
12Q24
12Q27
12Q29
68/02
72/02
76/02
80/02
84/02
88/02
92/02
FREE
FREE
FREE
11/30
14/02
ENTREES LOGIQUES
DIGITAL INPUTS
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
FINAL START-uP
06/24/93
MCM
DIGITAL INPUT SUPPLY
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
FOLIO 12
N° KF023
9012E-05
CLIENT : F.P.C
caller

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C B A | F E D

CLIENT : F.P.C

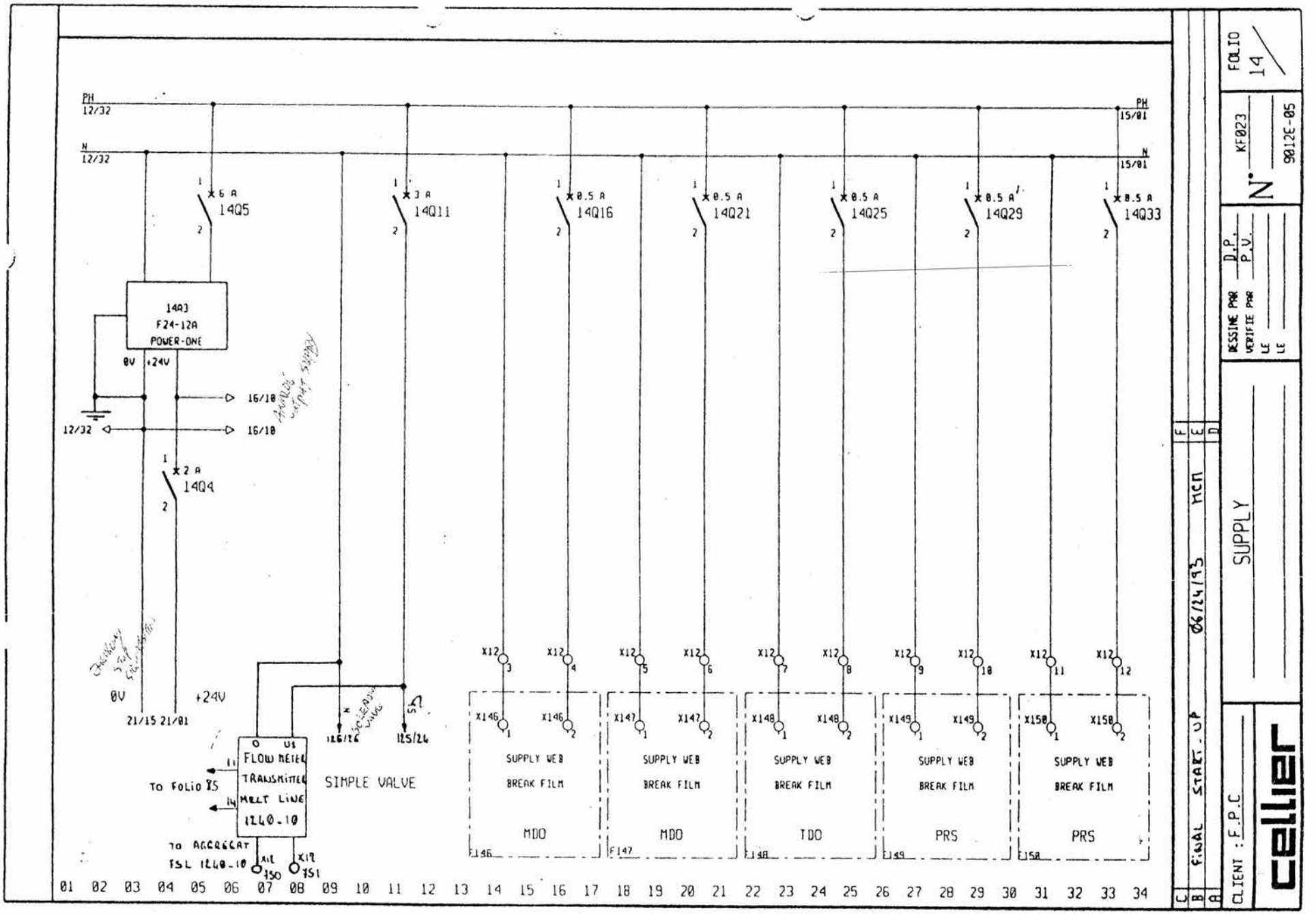
cellier

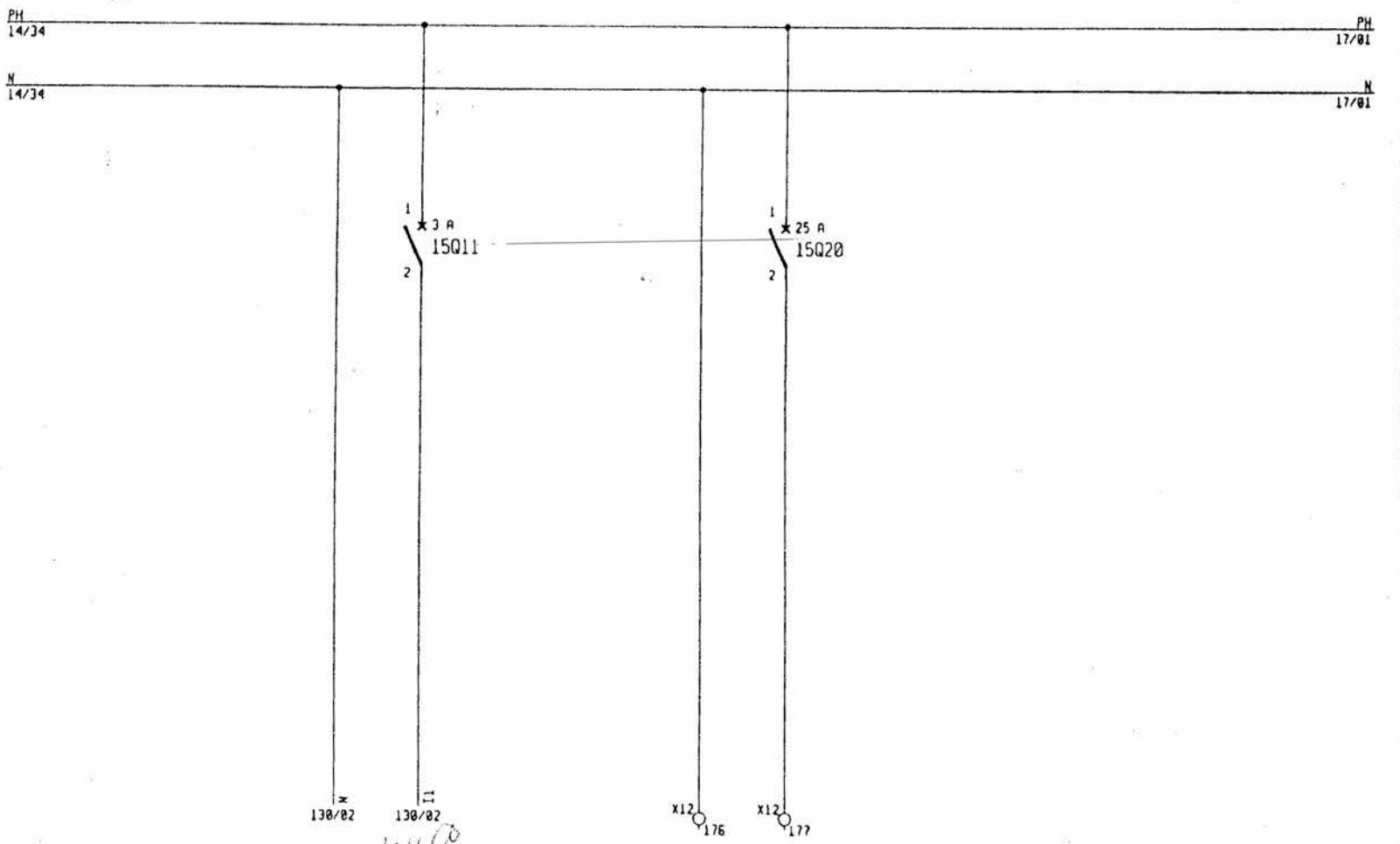
FREE

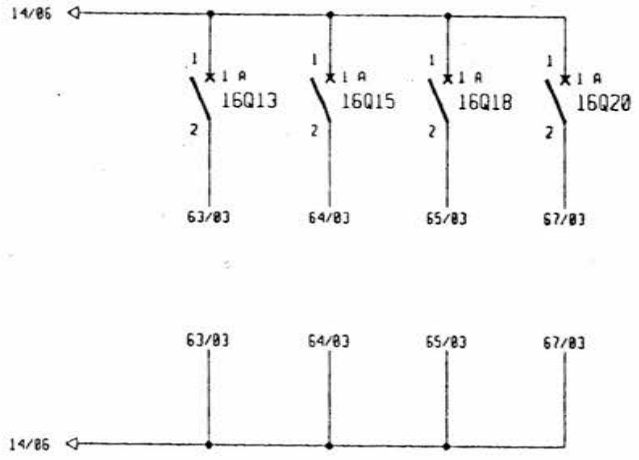
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

N° KF023
9012E-05

FOLIO 13


PH 12/32
N 12/32
PH 15/01
N 15/01
6 A 14Q5
3 A 14Q11
0.5 A 14Q16
0.5 A 14Q21
0.5 A 14Q25
0.5 A 14Q29
0.5 A 14Q33
14A3 F24-12A POWER-ONE
0V +24V
16/10
12/32
16/10
2 A 14Q9
0V
+24V
21/15 21/01
126/24
125/24
FLOW METER TRANSMITTER MELT LINE 1240-10
TO FOLIO 85
TO AGGREGAT FSL 1240-10
SIMPLE VALVE
X12 3
X12 4
X12 5
X12 6
X12 7
X12 8
X12 9
X12 10
X12 11
X12 12
X146 1
X146 2
X147 1
X147 2
X148 1
X148 2
X149 1
X149 2
X150 1
X150 2
SUPPLY WEB BREAK FILM
MDO
MDO
TDO
PRS
PRS
F146
F147
F148
F149
F150
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B
A
F
E
D
FINAL START-UP
06/24/93
MCN
SUPPLY
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
N° KF023
9012E-05
FOLIO 14
CLIENT : F.P.C
cellier


PH
14/34
N
14/34
PH
17/01
N
17/01
1
3 A
15Q11
2
1
25 A
15Q20
2
N
130/02
11
130/02
X12
176
X12
177
INSTRUMENTATION
TO UPS IN CONTROL ROOM
F 20
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B
A
FINAL START. UP
06/24/91
HCN
F
E
D
SUPPLY
CLIENT : F.P.C
cellier
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
N° KF023
9012E-05
FOLIO 15



ANALOG OUTPUT C6.5 - C8.0

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C B A

F E D

CLIENT : F.P.C

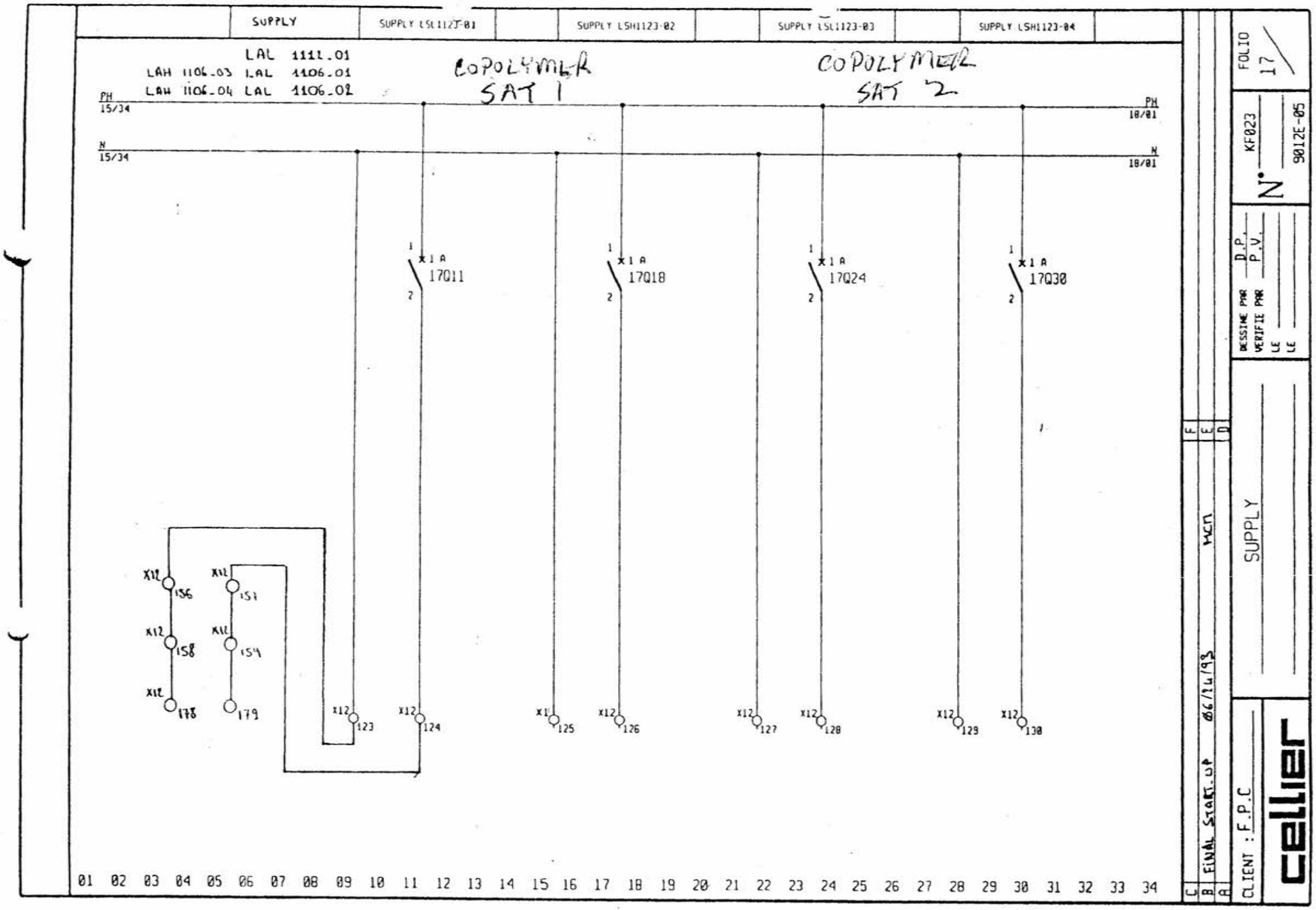
cellier

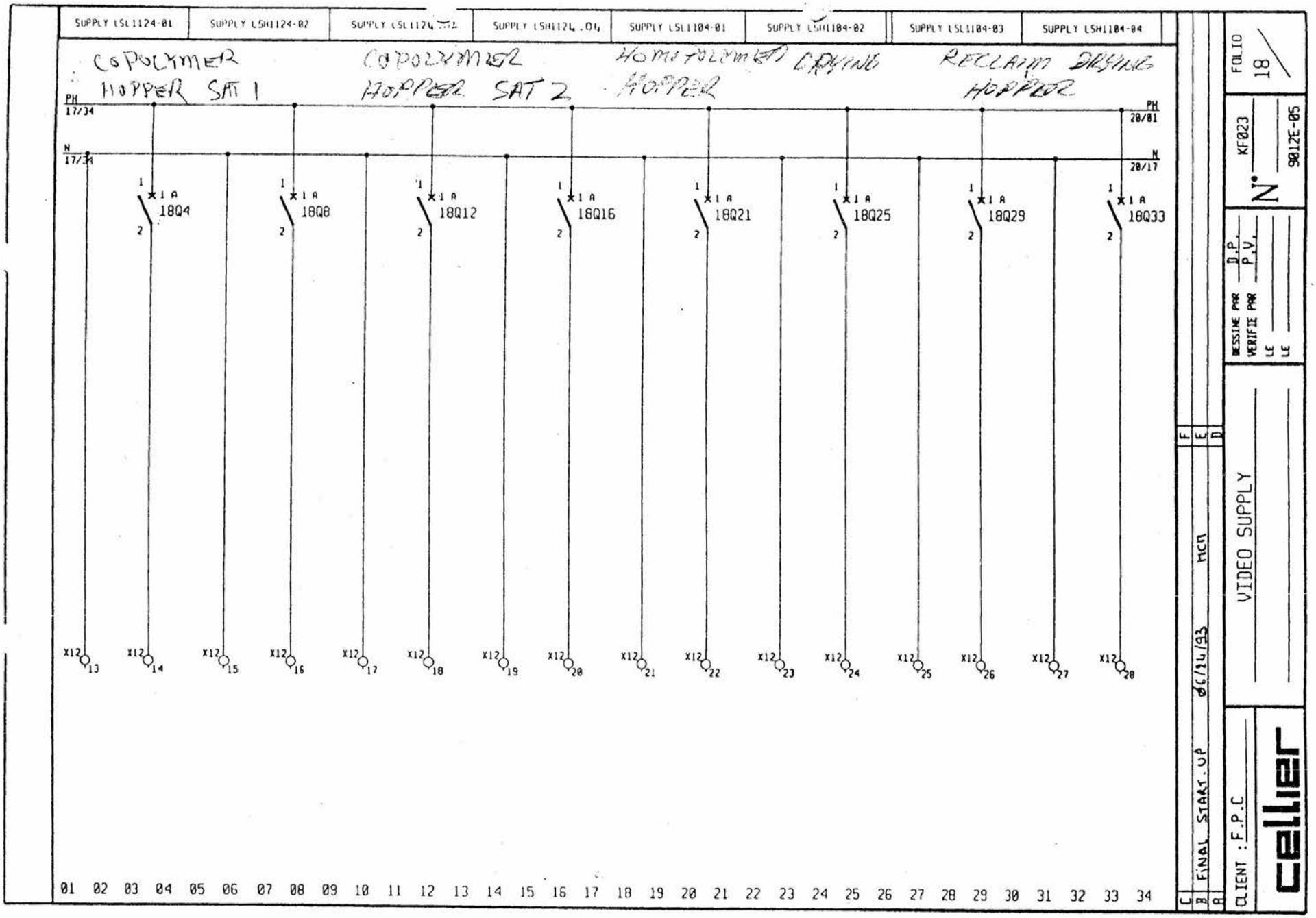
ANALOG OUTPUT SUPPLY

DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

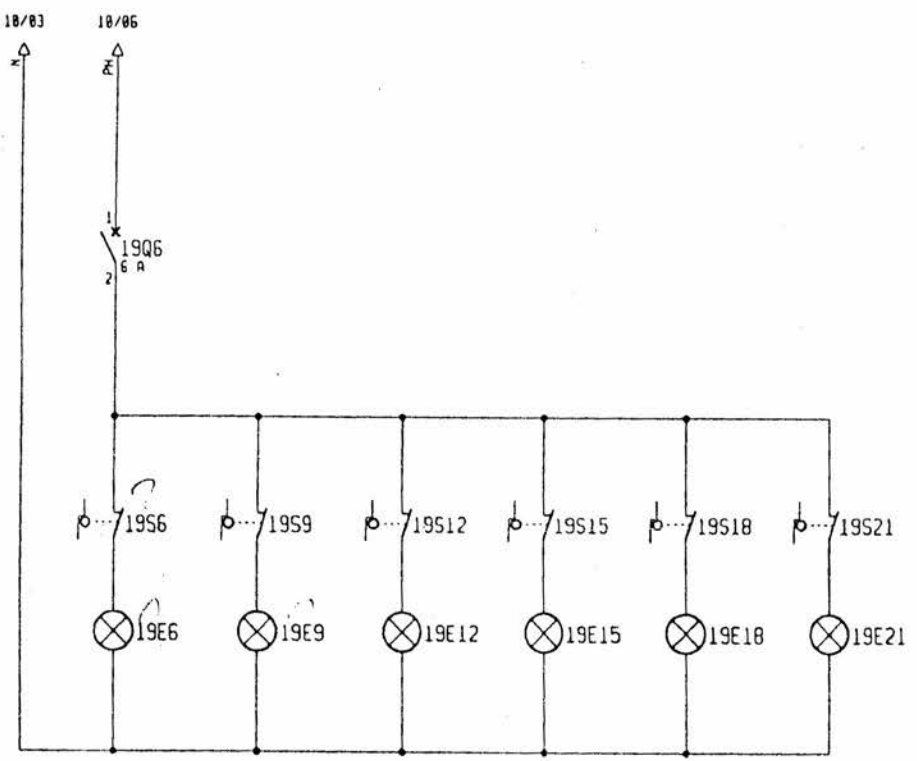
N° KF023 9012E-05

FOLIO 16


SUPPLY
SUPPLY LSL1123-01
SUPPLY LSH1123-02
SUPPLY LSL1123-03
SUPPLY LSH1123-04
LAL 1111_01
LAH 1106_03 LAL 1106_01
LAH 1106_04 LAL 1106_02
COPOLYMER SAT 1
COPOLYMER SAT 2
PH 15/34
N 15/34
PH 18/01
N 18/01
17Q11
17Q18
17Q24
17Q30
X12 156
X12 158
X12 178
X12 157
X12 154
X12 179
X12 123
X12 124
X12 125
X12 126
X12 127
X12 128
X12 129
X12 130
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
FINAL START-UP 06/14/93 MCN
SUPPLY
FOLIO 17
N° KF023 90126-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
CLIENT : F.P.C
cellier


SUPPLY LSL1124-01
SUPPLY LSH1124-02
SUPPLY LSL1124-03
SUPPLY LSH1124-04
SUPPLY LSL1104-01
SUPPLY LSH1104-02
SUPPLY LSL1104-03
SUPPLY LSH1104-04
COPOLYMER HOPPER SAT 1
COPOLYMER HOPPER SAT 2
HOMOPOLYMER DRYING HOPPER
RECLAIM DRYING HOPPER
PH 17/34
N 17/34
PH 28/01
N 28/17
18Q4
18Q8
18Q12
18Q16
18Q21
18Q25
18Q29
18Q33
1 A
X12 13
X12 14
X12 15
X12 16
X12 17
X12 18
X12 19
X12 20
X12 21
X12 22
X12 23
X12 24
X12 25
X12 26
X12 27
X12 28
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B FINAL START UP 06/12/93 MCN
A
F
E
D
FOLIO 18
KF823 N° 9812E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
VIDEO SUPPLY
CLIENT : F.P.C
cellier

LIGHTING BOARD



01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C B A

F E D

FOLIO 19

N° KF023 9012E-05

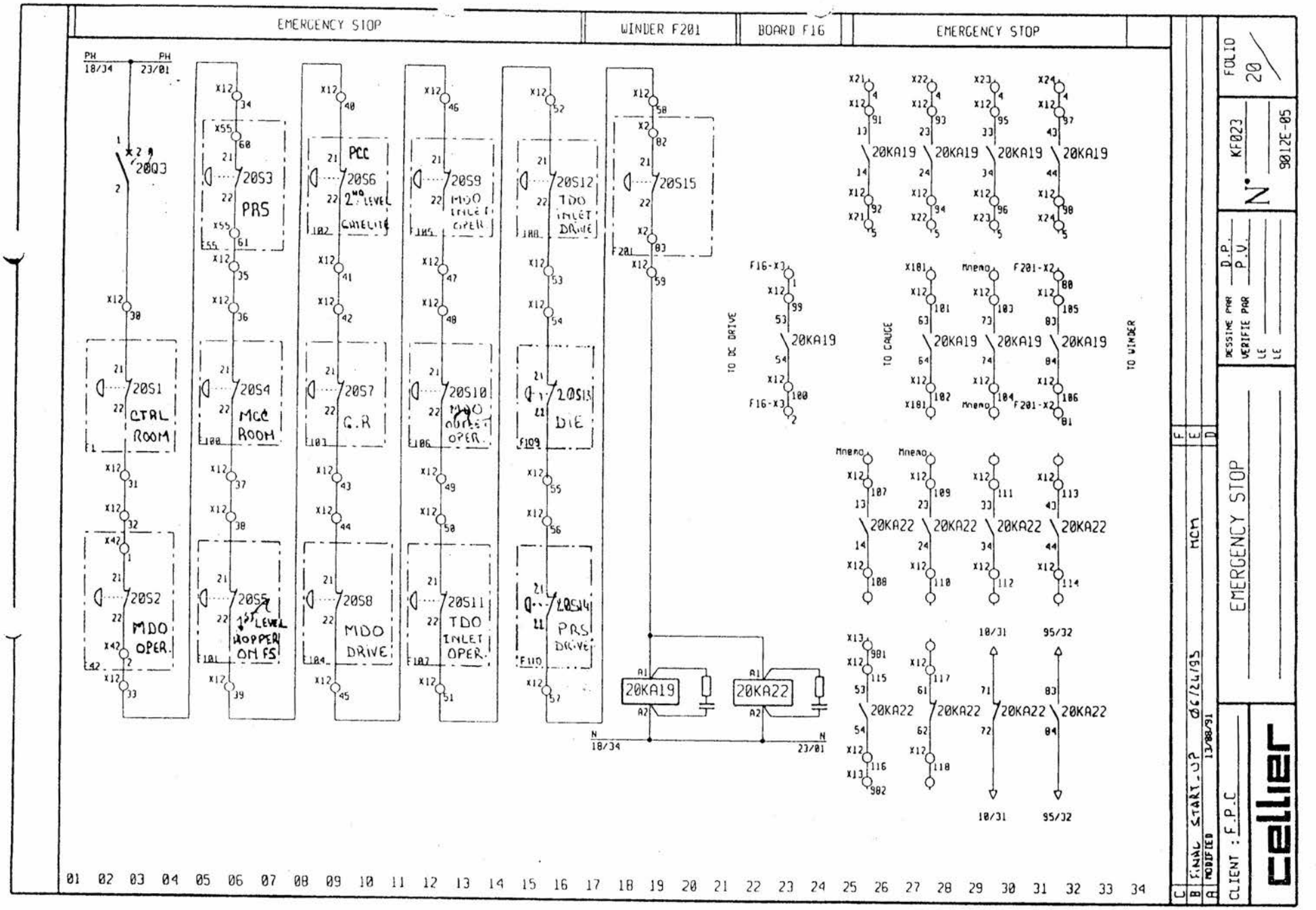
DESSINE PAR D.P. LE

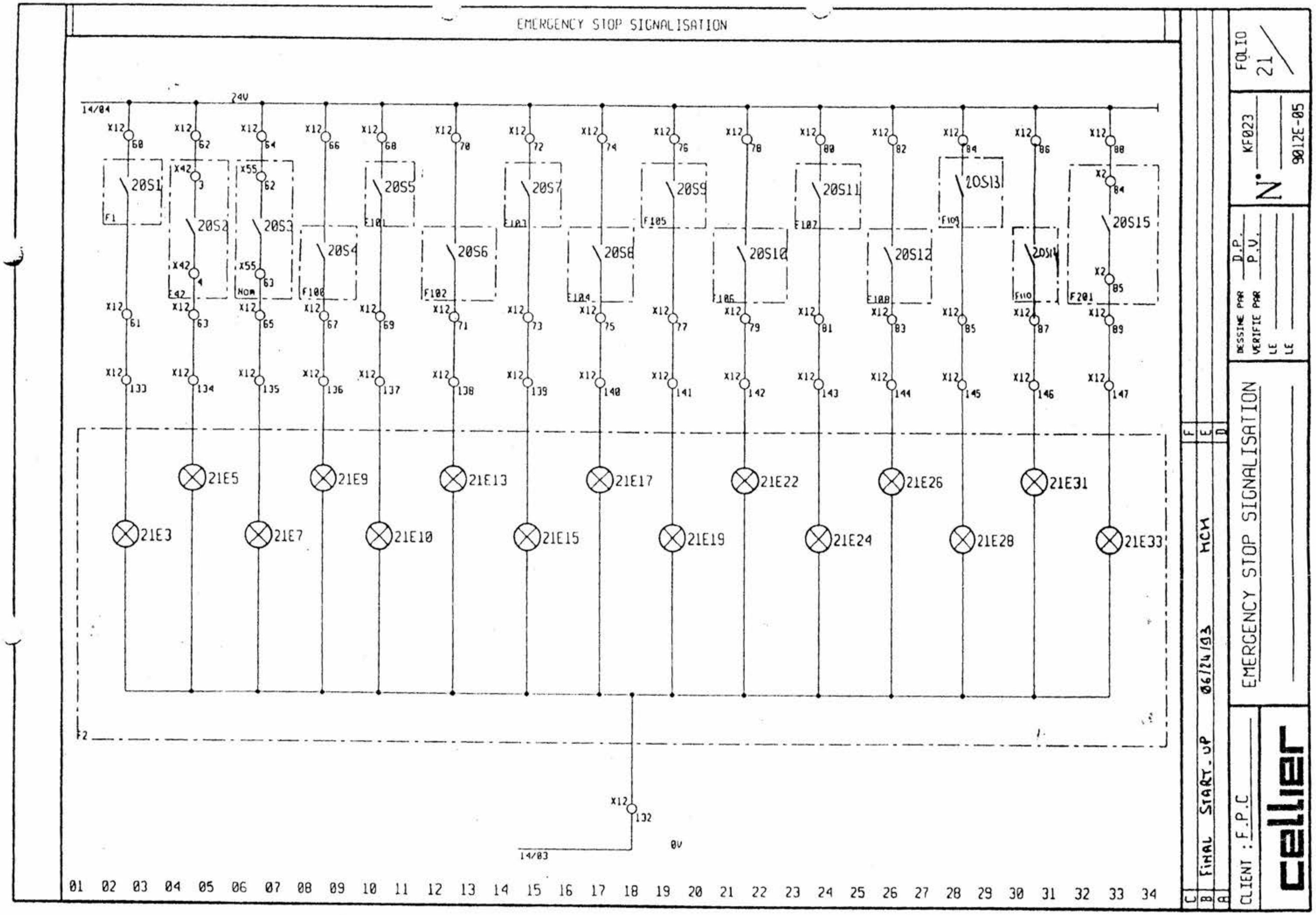
VERIFIE PAR P.V. LE

LIGHTING BOARD

CLIENT : F.P.C

cellier


EMERGENCY STOP
WINDER F201
BOARD F16
EMERGENCY STOP
PH 18/34
PH 23/01
20Q3
20S1 CTRL ROOM
20S2 MDO OPER.
20S3 PRS
20S4 MCC ROOM
20S5 1ST LEVEL HOPPER ON FS
PCC
20S6 2ND LEVEL CHUTE LIT
20S7 G.R
20S8 MDO DRIVE
20S9 MDO INLET OPER.
20S10 MDO OUTLET OPER.
20S11 TDO INLET OPER.
20S12 TDO INLET DRIVE
20S13 DIE
20S14 PRS DRIVE
20S15
20KA19
20KA22
TO DC DRIVE
TO GAUGE
TO WINDER
N 18/34
N 23/01
FINAL START-UP 06/24/93
MODIFIED 13/08/91
CLIENT : F.P.C
EMERGENCY STOP
DESSINE PAR D.P.
VERIFIE PAR P.V.
FOLIO 20
KF023
9012E-05
cellier


EMERGENCY STOP SIGNALISATION
24V
14/04
20S1
20S2
20S3
20S4
20S5
20S6
20S7
20S8
20S9
20S10
20S11
20S12
20S13
20S14
20S15
21E3
21E5
21E7
21E9
21E10
21E13
21E15
21E17
21E19
21E22
21E24
21E26
21E28
21E31
21E33
X12
132
0V
14/03
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
FINAL START_UP
06/24/93
MCM
FOLIO 21
KF023
N° 9012E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
EMERGENCY STOP SIGNALISATION
CLIENT : F.P.C
cellier

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C | F
B | E
A | D

CLIENT : F.P.C

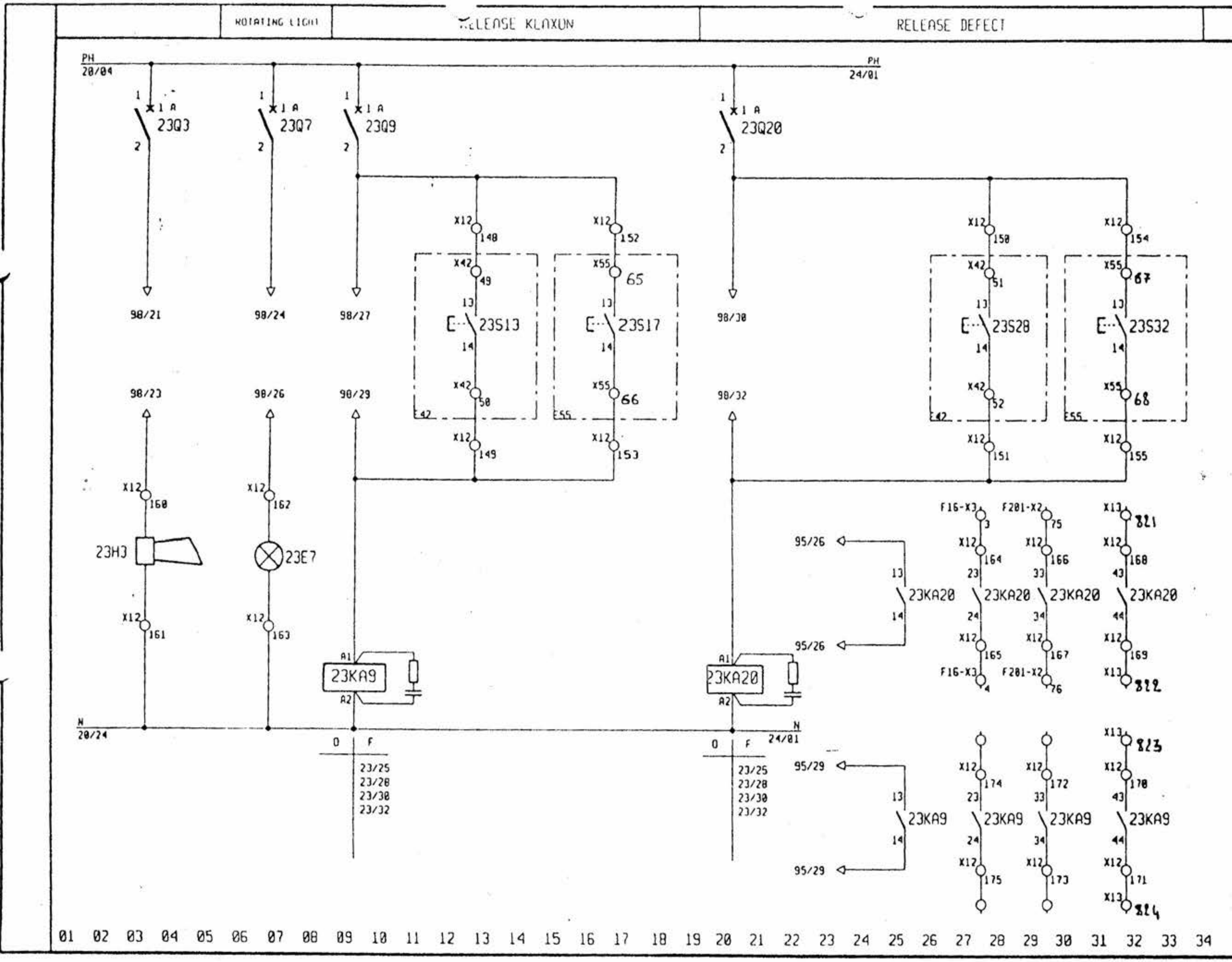
cellier

FREE

DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

N° KF023
9012E-05

FOLIO 22



FINAL START. UP 06/24/95 nch

FOLIO 23

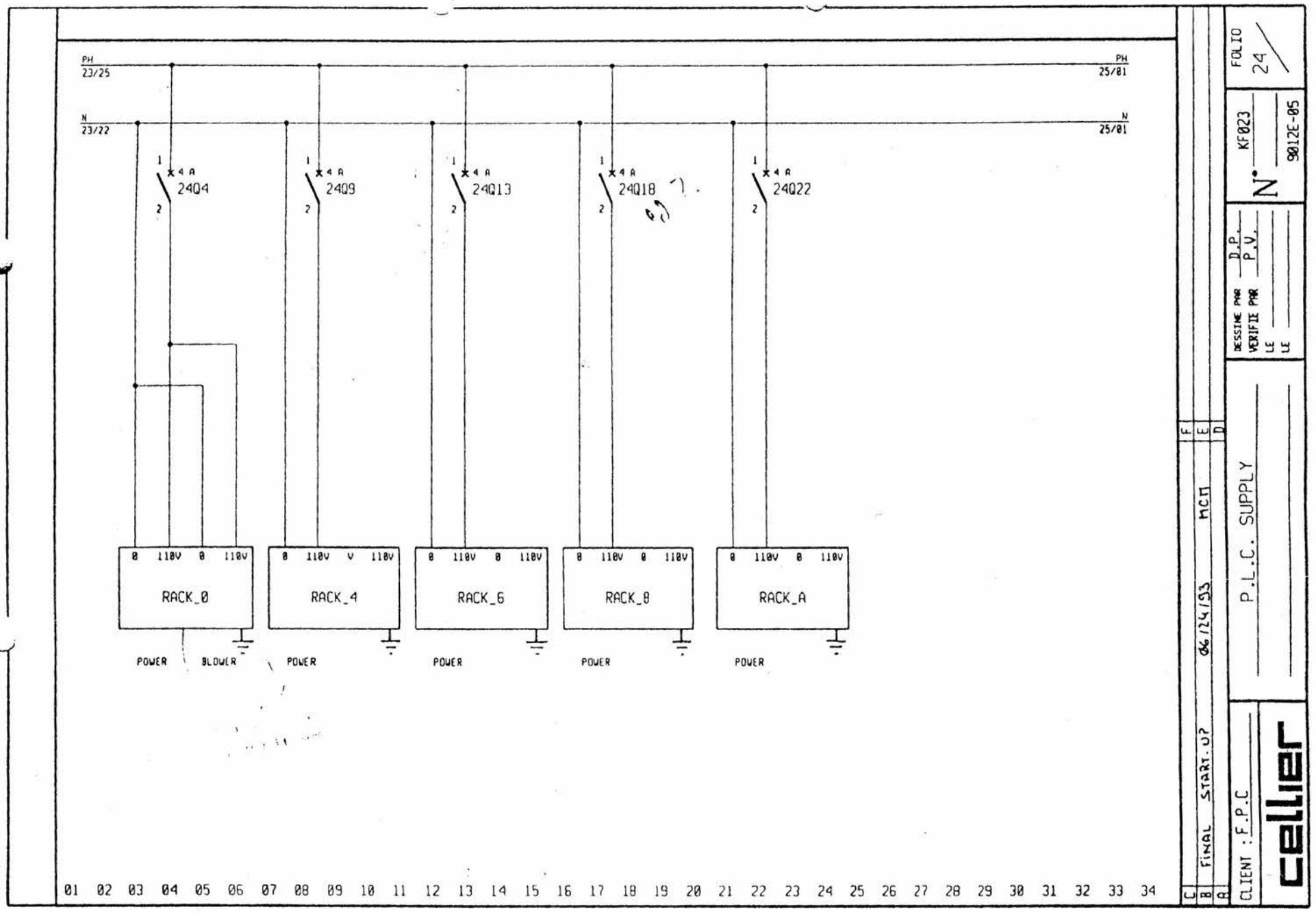
N° KF023 9012E-05

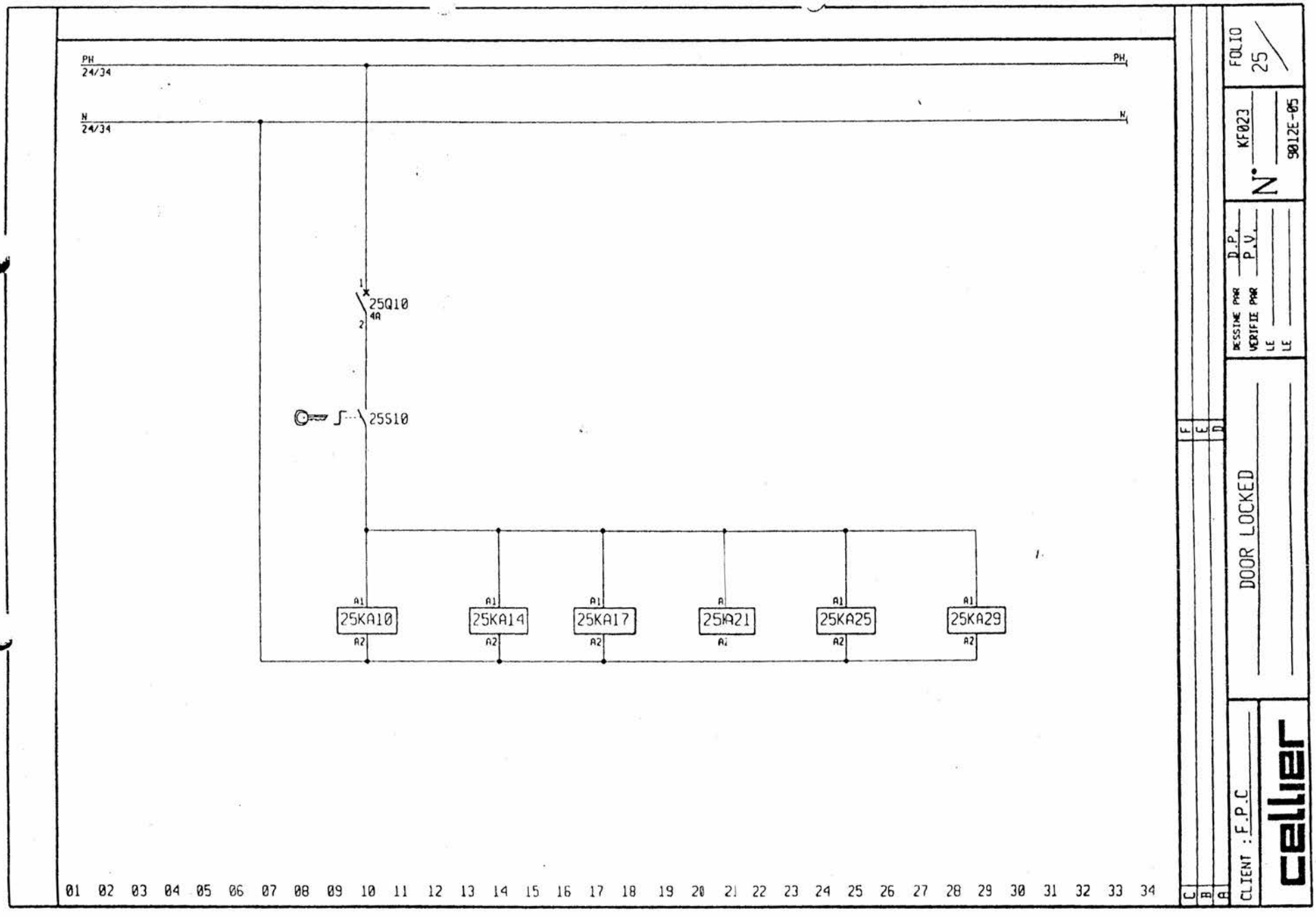
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

DEFECT SYSTEM

CLIENT : F.P.C

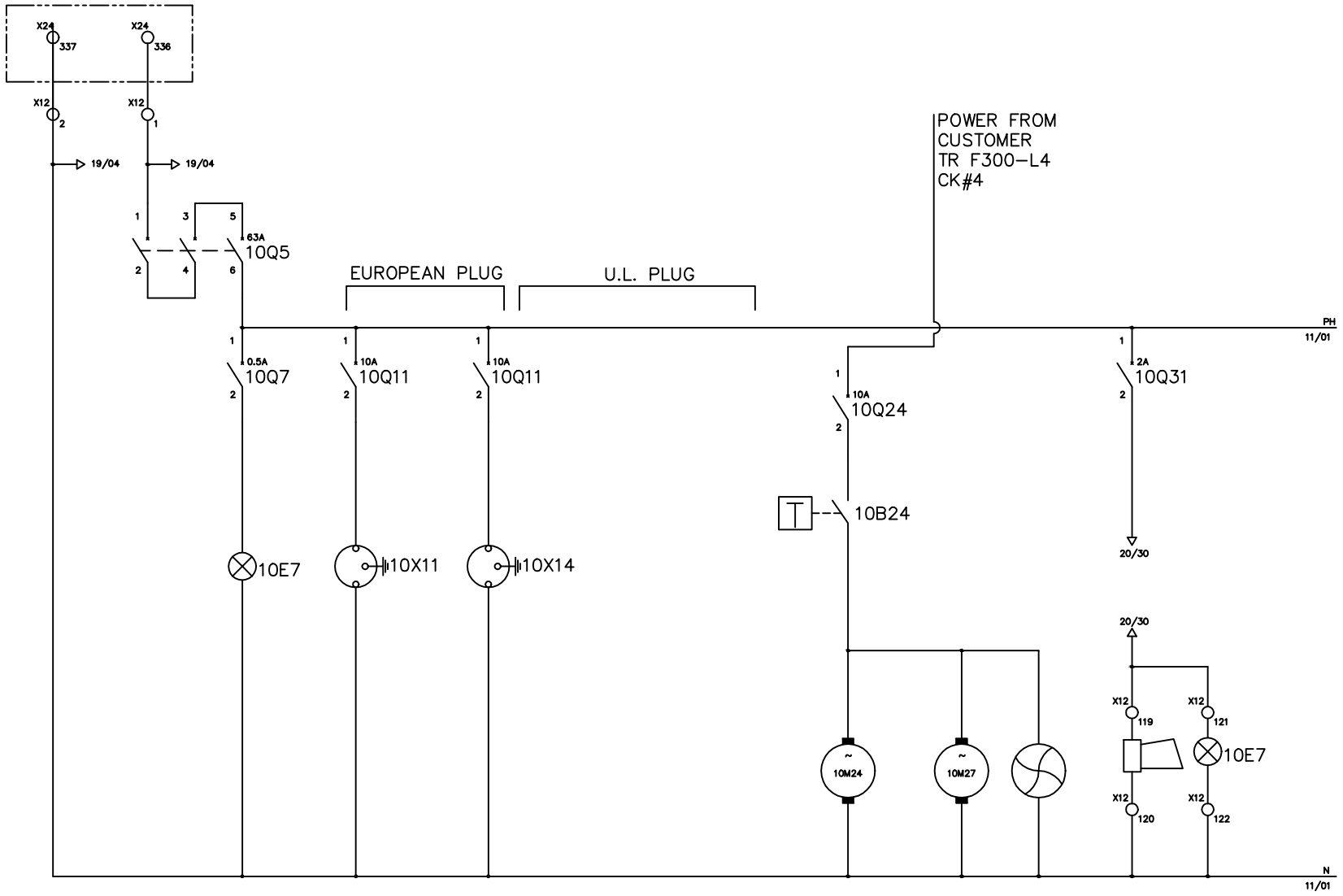
cellier


PH
23/25
N
23/22
PH
25/81
N
25/81
1
4 A
2
24Q4
24Q9
24Q13
24Q18
24Q22
0 110V 0 110V
RACK_0
RACK_4
RACK_6
RACK_8
RACK_A
POWER
BLOWER
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B
A
FINAL START-UP
06/24/93
MCM
CLIENT : F.P.C
P.L.C. SUPPLY
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
FOLIO 24
N° KF023
9012E-05
cellier


PH
24/34
N
24/34
PH
N
1
25Q10
4A
2
25S10
A1
25KA10
A2
A1
25KA14
A2
A1
25KA17
A2
A
25KA21
A2
A1
25KA25
A2
A1
25KA29
A2
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
C
B
A
F
E
D
FOLIO
25
N°
KF023
98126-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
DOOR LOCKED
CLIENT : F.P.C
cellier

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

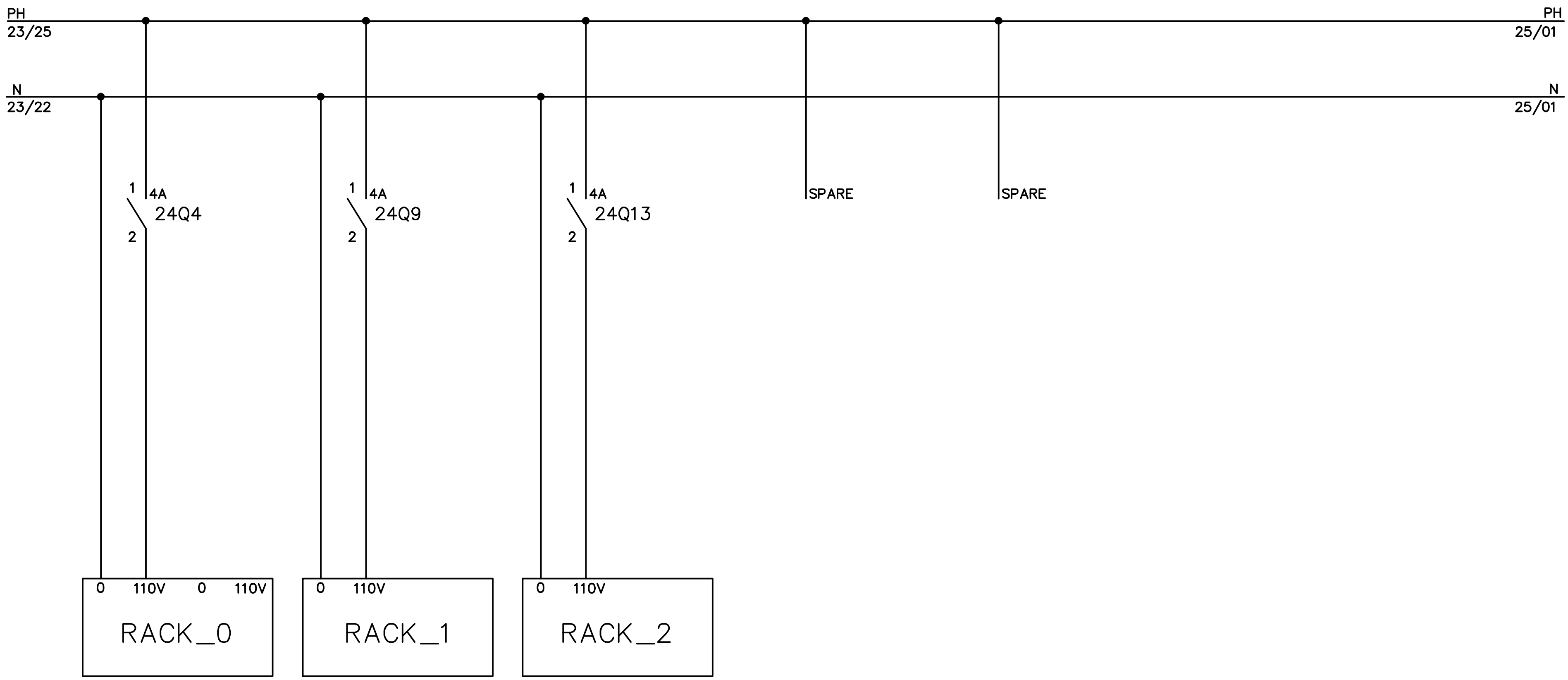
	VOLTAGE ON	PROGRAMMINGY UNIT	MONITOR		DOOR FAN5	HORN EMERG.STOP	



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12	Page #	10			
								Total				
DRAWN BY	Charlie Zhang	LINE1 SUPPLY						MATERIAL				
			1		Edwin Lee	06/17/20	DRAWING NO.					
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE	NONE	UNIT	MM

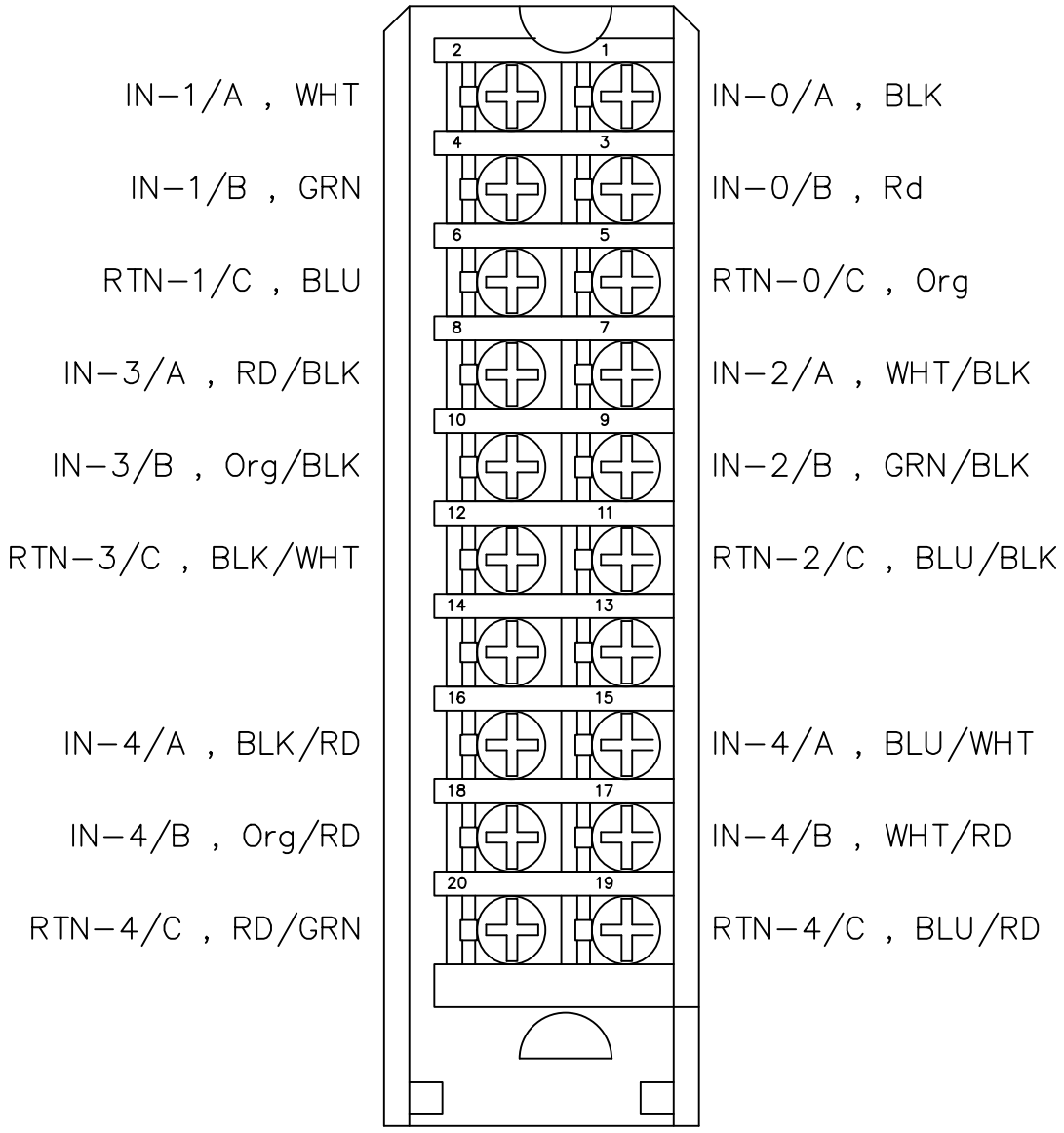
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34



File Name : P24 PLC Supply.dwg

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

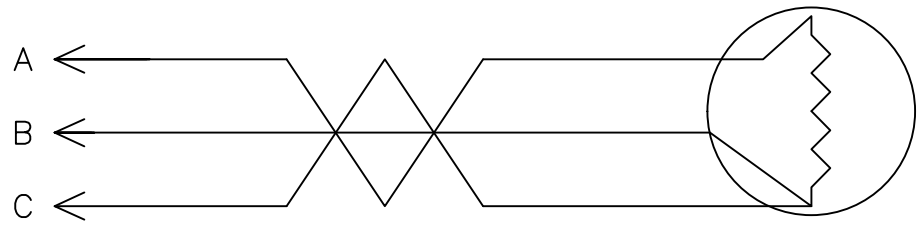
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		LINE1 P.L.C SUPPLY					DRAWING DESCRIPTION	KF023 F12	Page #	24
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang		1	Add TerminalNumber	Charlie Z	05/21/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM



1756−IR6I Module wiring

	A	B	C
CH0 :	1	3	5
CH1 :	2	4	6
CH2 :	7	9	11

	A	B	C
CH3 :	8	10	12
CH4 :	15	17	19
CH6 :	16	18	20



PT−100
(RTD)

File Name: P25 1756−IR61 wirings.dwg

INTEPLAST GROUP, Ltd.
AMTOPP DIV. M/E DEPT.

Line1 1756−IR61 3−wire RTD wiring

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1		Edwin Lee	06/17/20

DRAWING DESCRIPTION: KF203 F12
DRAWING NO.:
DRAWN DATE: 05−23−2019
Page # 25
Total
MATERIAL
SCALE NONE
UNIT MM

DRAWN BY: Charlie Zhang
CHECKED BY: JERRY WU

WHT , IN−0	2	1	i RTN−0 , BLK
GRN , IN−1	4	3	i RTN−1 , RD
BLU , IN−2	6	5	i RTN−2 , ORG
RD/BLK , IN−3	8	7	i RTN−3 , WHT/BLK
ORG/BLK , RTN	10	9	RTN , GRN/BLK
BLK/WHT , IN−4	12	11	i RTN−4 , BLU/BLK
GRN/WHT , IN−5	14	13	i RTN−5 , RD/WHT
BLK/RD , IN−6	16	15	i RTN−6 , BLU/WHT
ORG/RD , IN−7	18	17	i RTN−7 , WHT/RD
RD/GRN , IN−8	20	19	i RTN−8 , BLU/RD
BLK/WHT−RD , IN−9	22	21	i RTN−9 , ORG/GRN
RD/BLK−WHT , IN−10	24	23	i RTN−10 , WHT/BLK−RD
ORG/BLK−WHT , IN−11	26	25	i RTN−11 , GRN/BLK−WHT
BLK/RD−GRN , RTN	28	27	RTN , BLU/BLK−WHT
RD/BLK−GRN , IN−12	30	29	i RTN−12 , WHT/RD−GRN
ORG/BLK−GRN , IN−13	32	31	i RTN−13 , GRN/BLK−ORG
BLK/WHT−ORG , IN−14	34	33	i RTN−14 , BLU/WHT−ORG
ORG/WHT−BLU , IN−15	36	35	i RTN−15 , WHT/RD−ORG

1756−IF16 Different current Wiring

CH0 : 2 , 4&1
CH1 : 6 , 8&5
CH2 : 12 , 14&11
CH3 : 16 , 18&15
CH4 : 20 , 22&19
CH5 : 24 , 26&23
CH6 : 30 , 32&29
CH7 : 34 , 36&33

& Mean jumper wires

File Name: P26 1756−IF16 Wirings.dwg

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING DESCRIPTION
1		Edwin Lee	06/17/20	DRAWING NO.
				DRAWN DATE: 05−23−2019

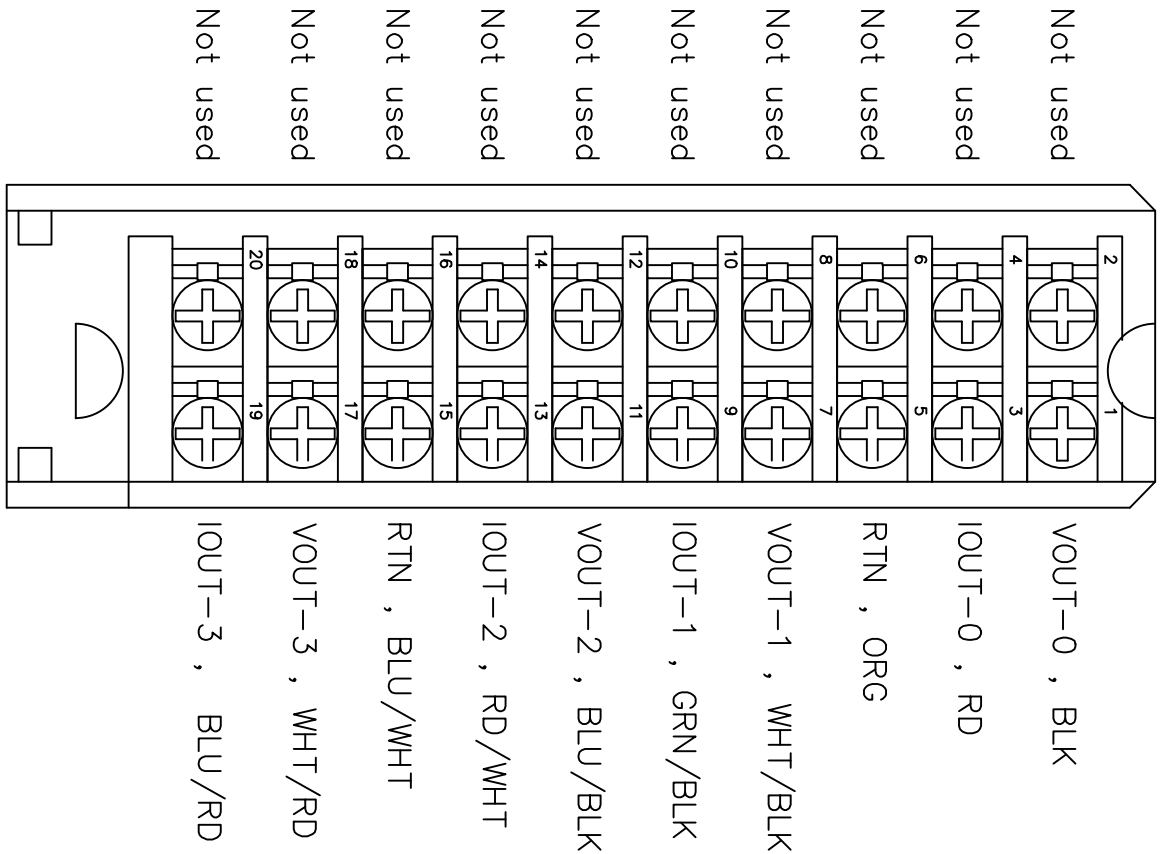
INTEPLAST GROUP, Ltd.
AMTOPP DIV. M/E DEPT.

Line1 1756−IF16 Different current Wiring

KF203
F12

Page # 26
Total

DRAWN BY	Charlie Zhang
CHECKED BY	JERRY WU
MATERIAL	
SCALE	NONE
UNIT	MM

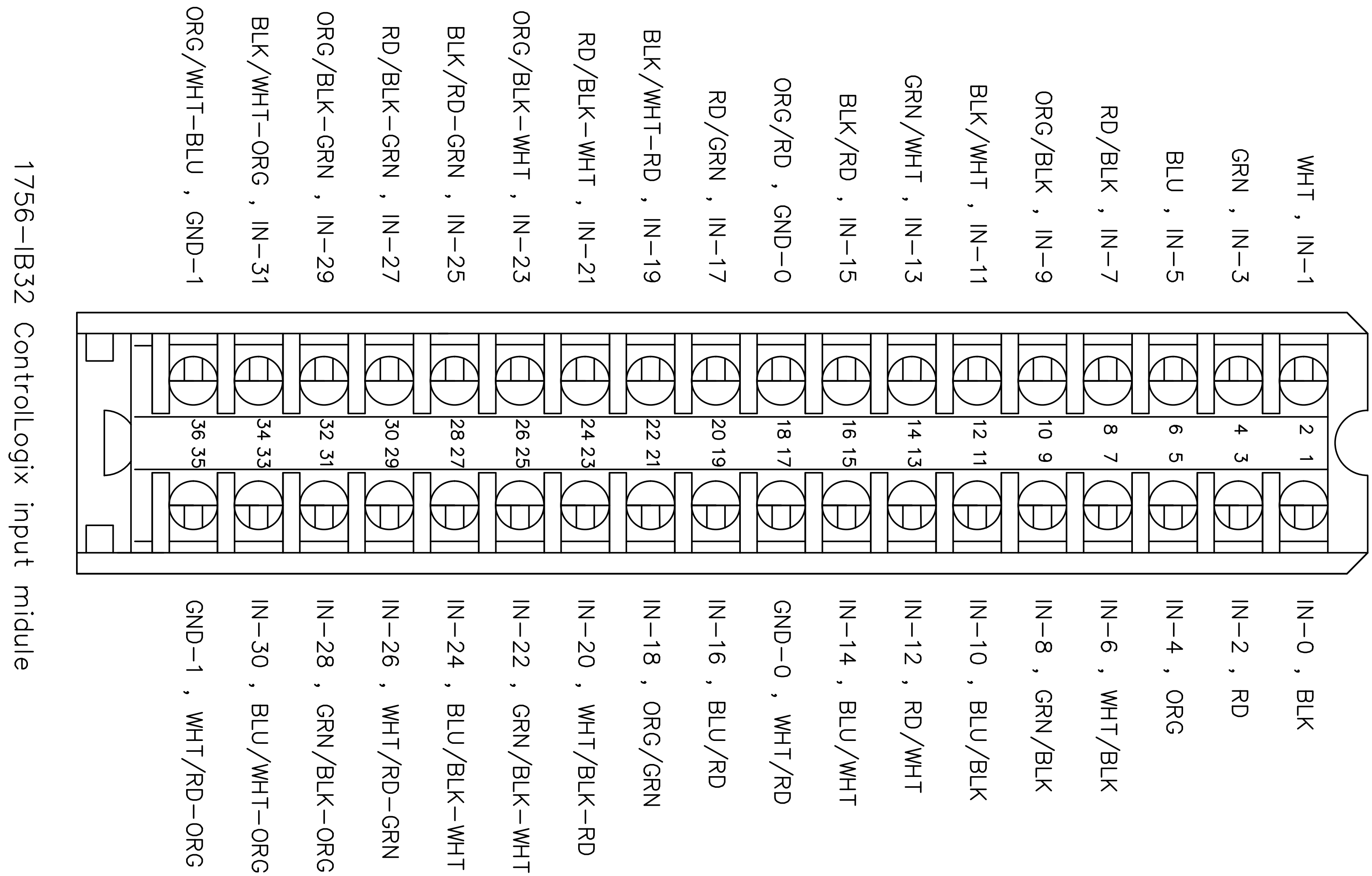


1756-0F4 Current wiring

FILE NAME: P27 1756-0F4 Wirings.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 1756-0F4 Current wiring			DRAWING DESCRIPTION	KF203 F12	Page # 27
							Total
DRAWN BY	Charlie Zhang		1	Edwin Lee 06/17/20	DRAWING NO.		MATERIAL
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION REV. BY: REV. DATE	DRAWN DATE: 05-23-2019		SCALE NONE UNIT MM

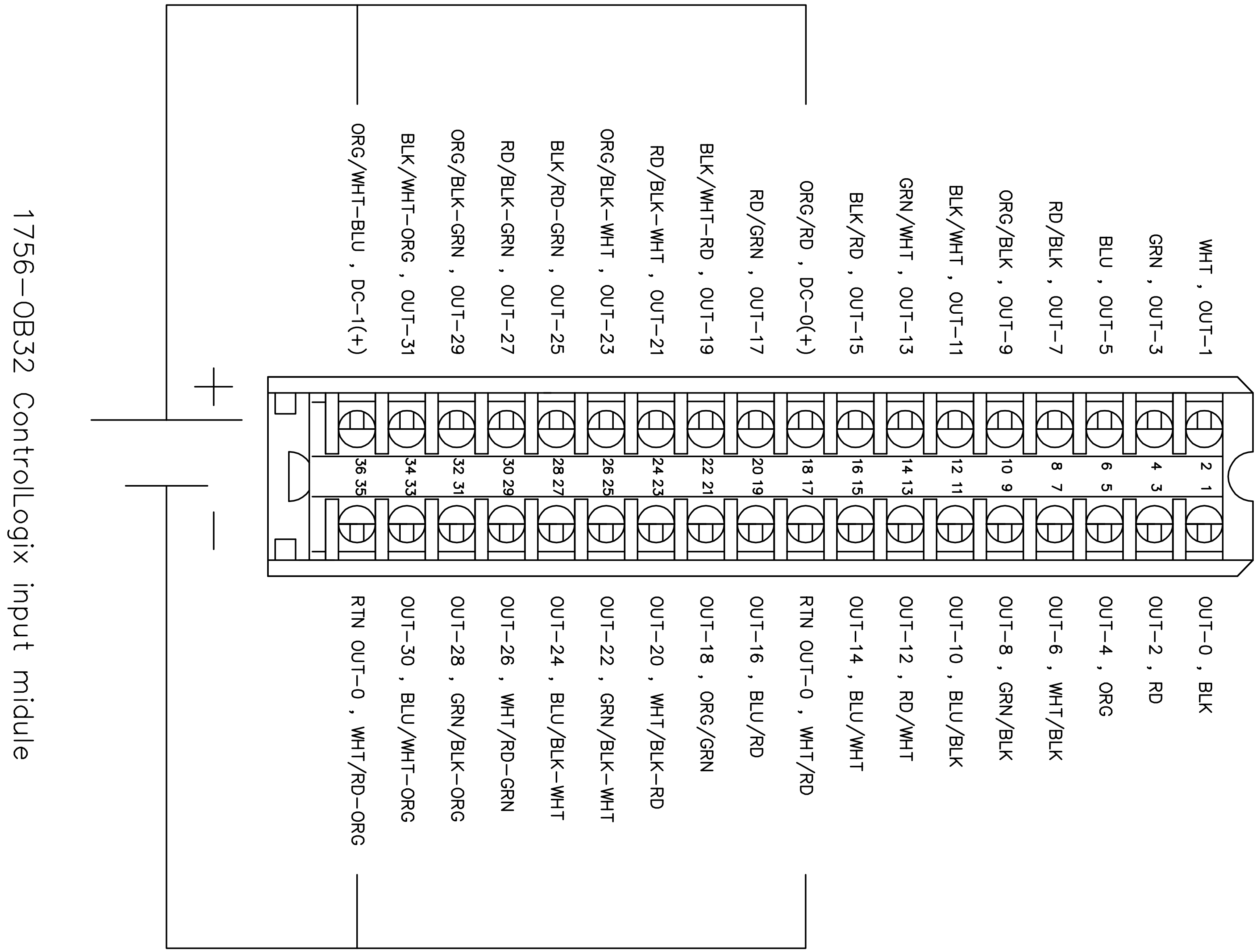
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34



FILE NAME: P28 1756-IB32 Wirings.dwg

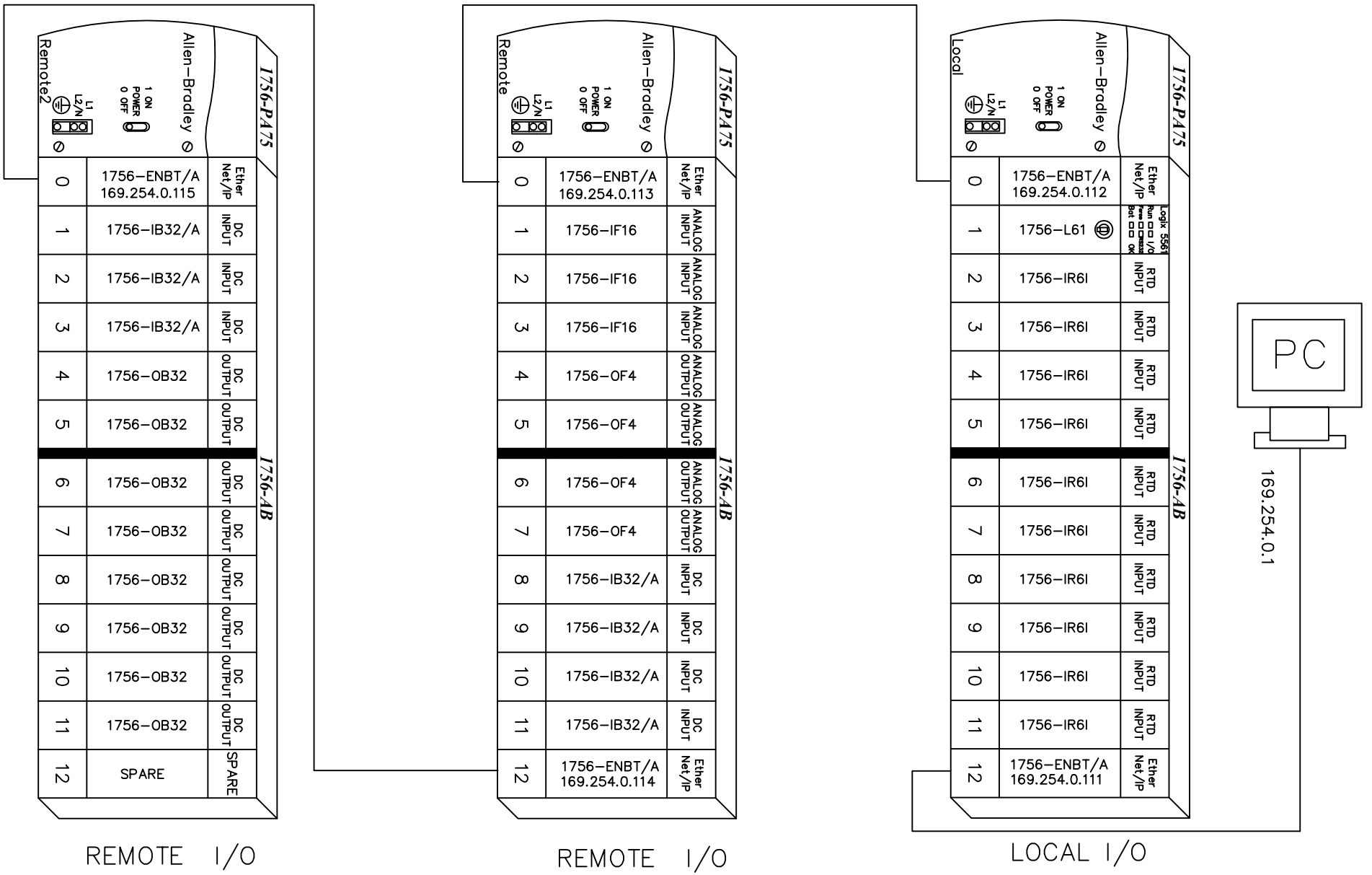
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 1756-IB32 ControlLogix input midule					DRAWING DESCRIPTION	KF203 F12	Page #	28
									Total	
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE NONE	UNIT MM



File Name: P29 1756–IB32 Wirings.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 1756–IB32 ControlLogix input midule					DRAWING DESCRIPTION	KF203 F12	Page #	29
									Total	
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–23–2019	SCALE NONE	UNIT MM

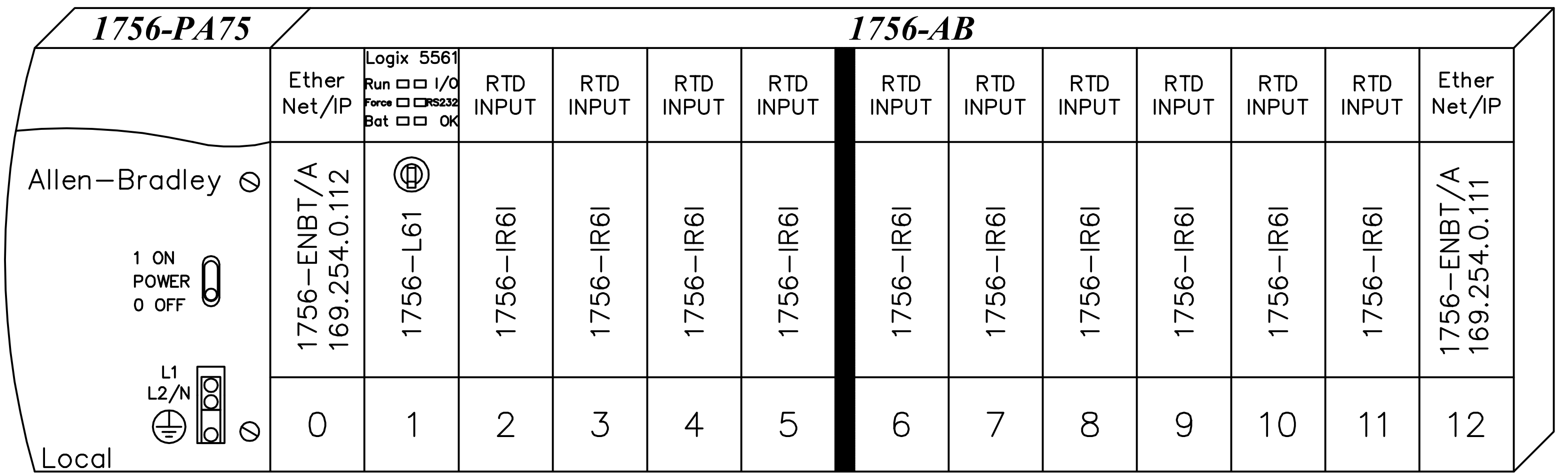


File Name : P30 PLC Module Link Layout.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 PLC MODULE LINK LAYOUT			DRAWING DESCRIPTION	KF023 F12	Page # 30
						Total
DRAWN BY Edwin Lee				DRAWING NO.		MATERIAL
CHECKED BY JERRY WU		REV. NO	REV. DESCRIPTION / REV. BY: / REV. DATE	DRAWN DATE: 03-13-2020		SCALE NONE UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

RACK 0



LOCAL I/O

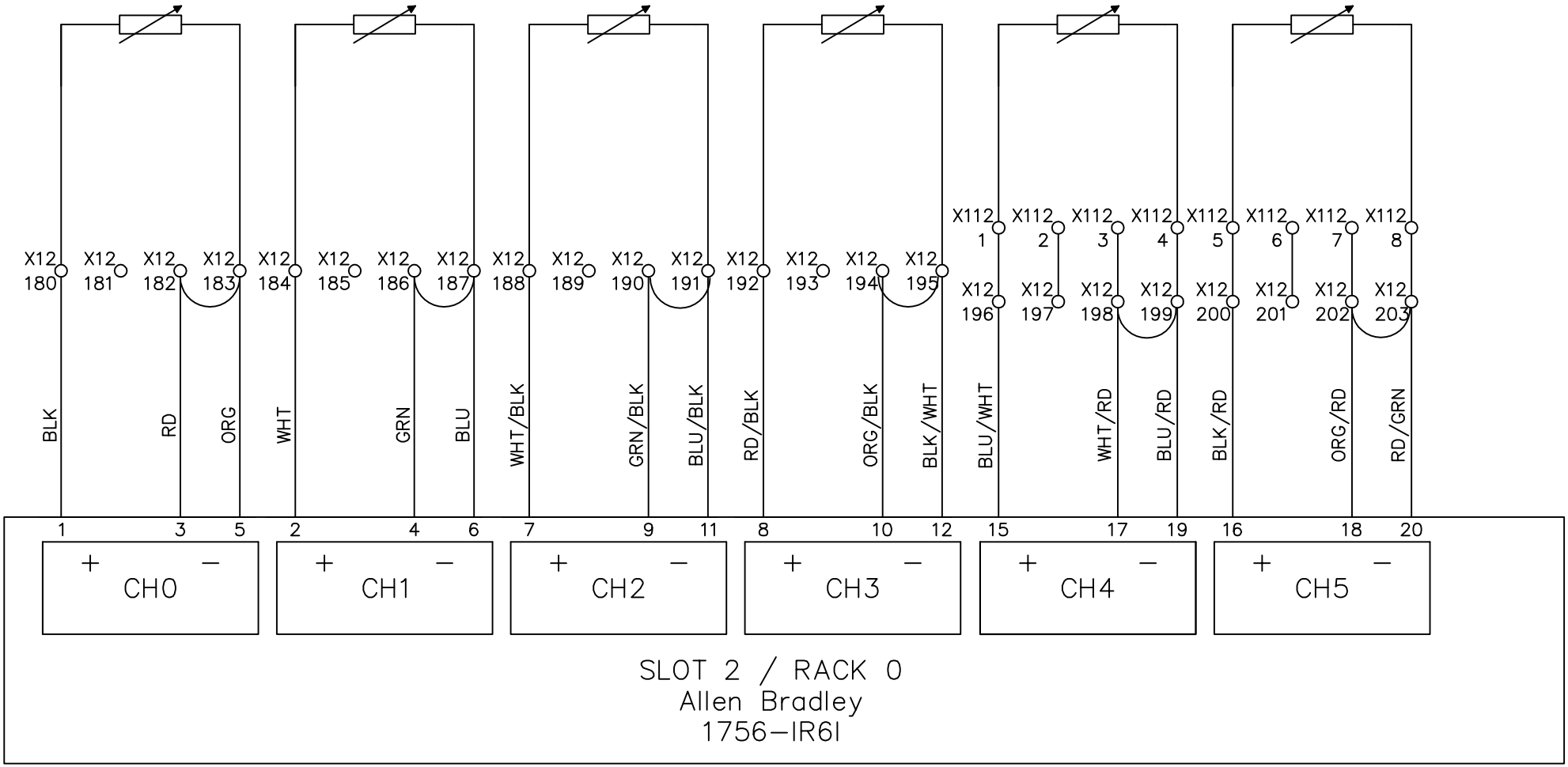
File Name : P31 Rack0.dwg

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 RACK 0, 1756-A13-SLOT CONTROL LOGIX CHASSIS	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING DESCRIPTION	KF023 F12
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20	Page #	31
CHECKED BY: JERRY WU		1	Add Terminal Number	CharlieZ.	05/23/19	Total	
						DRAWING NO.	
						MATERIAL	
						DRAWN DATE:	05-01-2018
						SCALE	NONE
						UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MAIN EXT. ZONE 1	MAIN EXT. ZONE 2	MAIN EXT. ZONE 3	MAIN EXT. ZONE 4	FILTER ADAPTATOR	FILTER HEATER 1
TE1200-01	TE1200-02	TE1200-03	TE1200-04	TE1230-05	TE1230-02



IW01_3	IW01_4	IW01_5	IW01_6	IW02_3	IW02_4
W[4760]	W[4763]	W[4766]	W[4769]	W[4772]	W[4775]

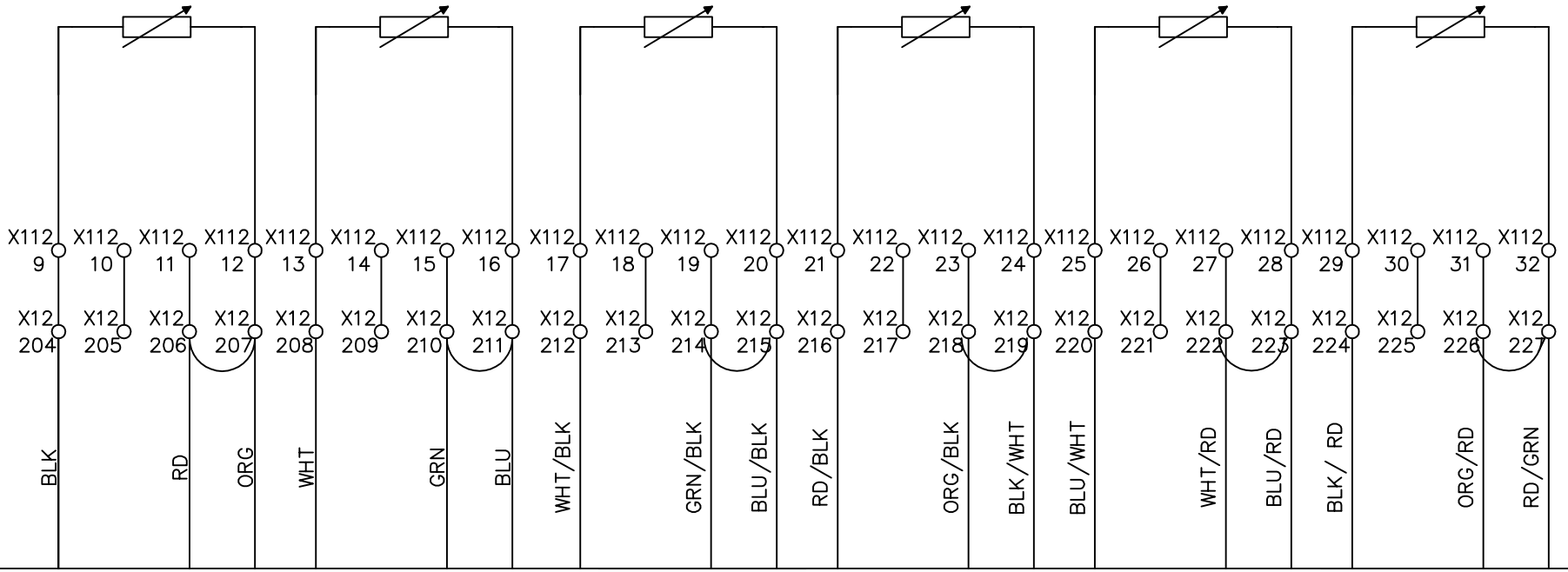
File Name : P32-33 slot 2 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	32-33	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FILTER HEATER 3	FILTER HEATER 2	FIRST MELT LINE ZONE 1	FIRST MELT LINE ZONE 2	FIRST MELT LINE ZONE 3	FIRST MELT LINE ZONE 4
TE1230–03	TE1230–04	TE1200–12	TE1200–13	TE1200–14	TE1200–15



IW02_5	IW02_6	IW03_3	IW03_4	IW03_5	IW03_6
W[4778]	W[4781]	W[4790]	W[4793]	W[4796]	W[4799]

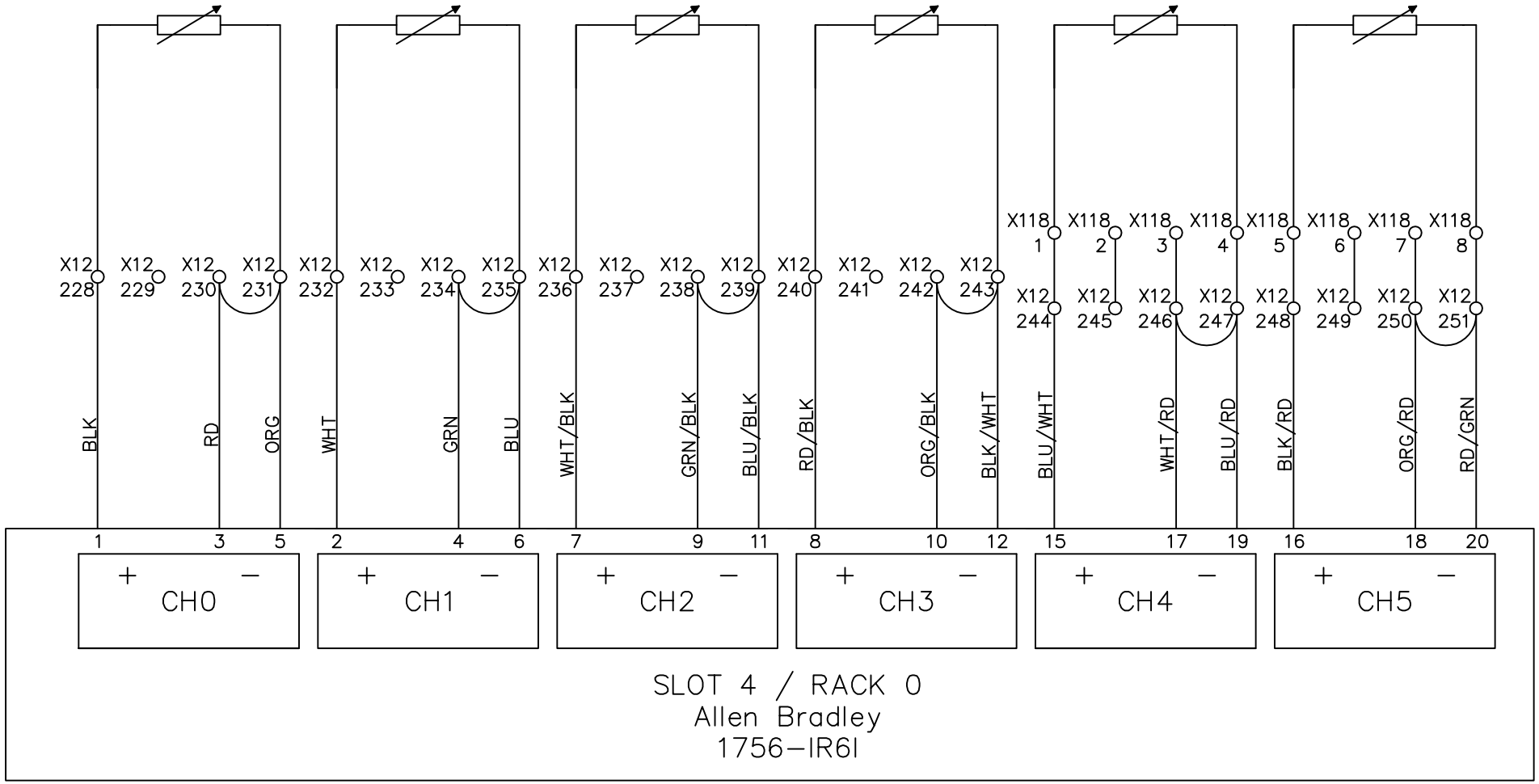
File Name : P33–34 slot 3 Allen Bradley 1756–IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 E12 X12 DOOR 1	Page #	33–34	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SECONDARY EXT. ZONE 1	SECONDARY EXT. ZONE 2	SECONDARY EXT. ZONE 3	SECONDARY EXT. ZONE 4	FILTER ADAPTATOR	FILTER HEATER 1
TE1200-06	TE1200-07	TE1200-08	TE1200-09	TE1231-05	TE1231-02
					SCREEN CHANGER 1



IW04_3	IW04_4	IW04_5	IW04_6	IW05_3	IW05_4
W[4807]	W[4810]	W[4813]	W[4816]	W[4819]	W[4822]

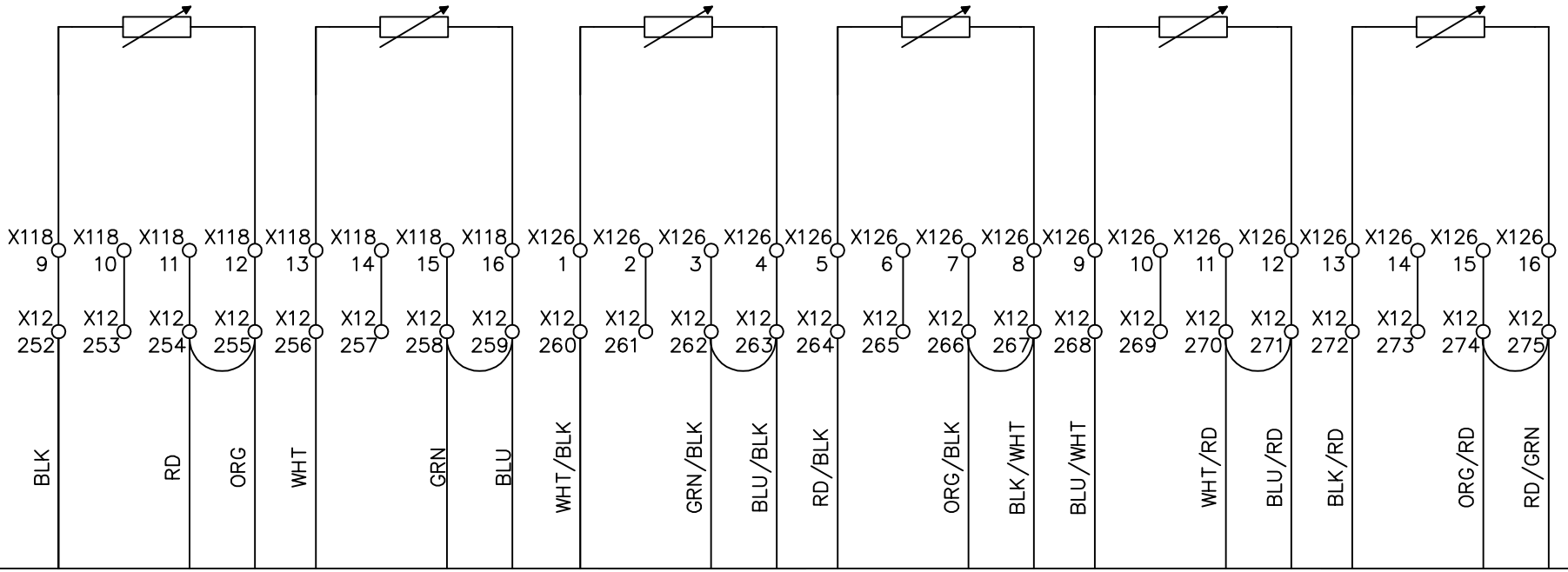
File Name : P35-36 slot 4 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	35-36		
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total			
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FILTER HEATER 2	FILTER HEATER 3	STATIC MIXER HEATER	STATIC MIXER CONNECTIONS	HEATING OF DIVERTER	DIE ZONE 1
TE1231-03	TE1231-04	TE1251-01	TE1251-02	TE1250-01	TE1260-01
SCREEN CHANGER 2	SCREEN CHANGER 3				



SLOT 5 / RACK 0
Allen Bradley
1756-IR6I

IW05_5	IW05_6	IW06_3	IW06_4	IW06_5	IW06_6
W[4825]	W[4828]	W[4837]	W[4840]	W[4843]	W[4852]

File Name : P36-37 slot 5 Allen Bradley 1756-IR6I.dwg

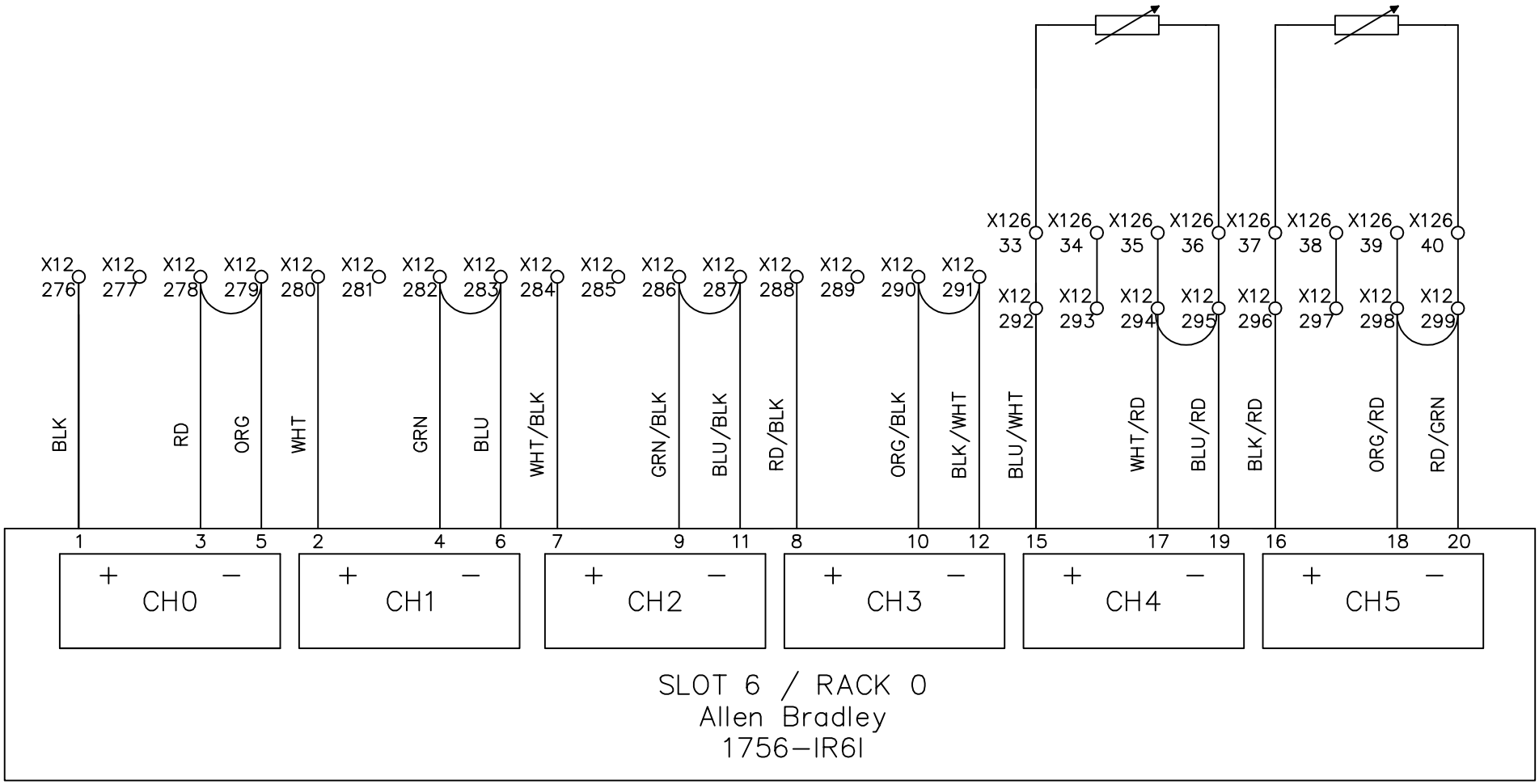
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	36-37	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE: NONE	UNIT: MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE | FREE | FREE | FREE | DIE ZONE 6 | DIE ZONE 7

TE1260–06 TE1260–07



IW07_3 IW07_4 IW07_5 IW07_6 IW40_3 W[4867] IW40_4 W[4870]

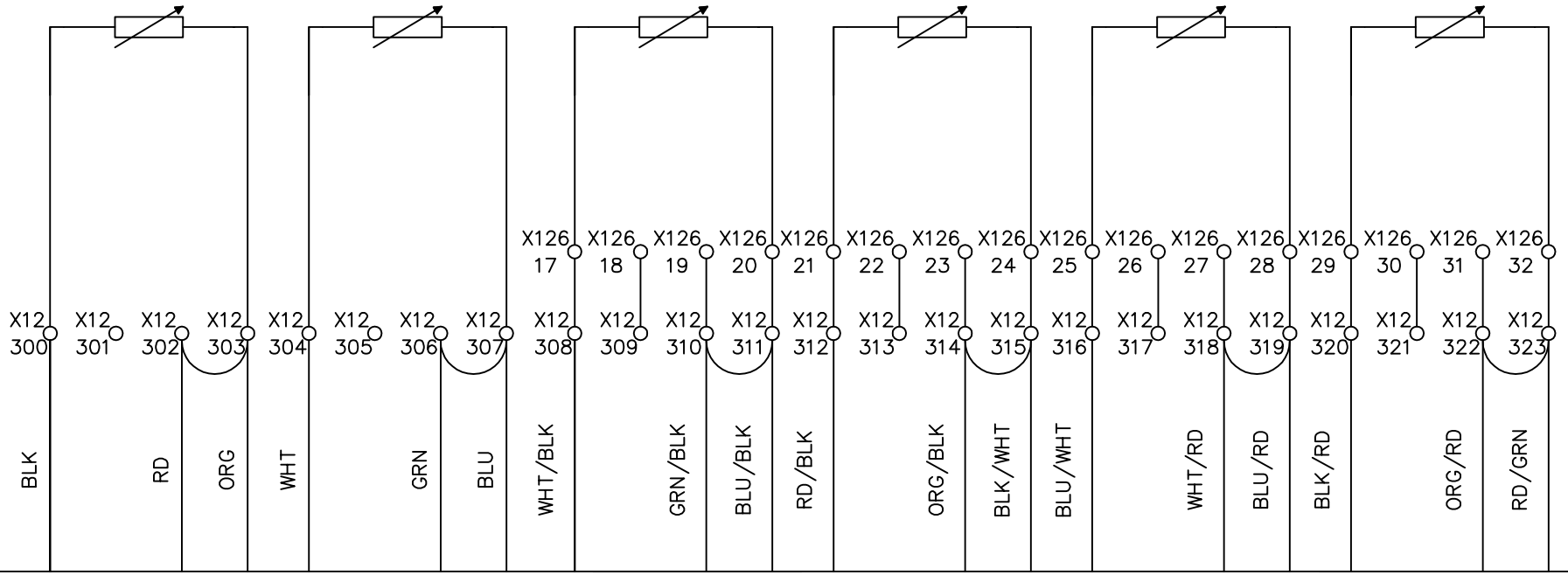
File Name : P38–40 slot 6 Allen Bradley 1756–IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 E12 X12 DOOR 1	Page #	38–40	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SECOND. MELT LINE-1 PART.	SECOND. MELT LINE-2 PART.	DIE ZONE 2	DIE ZONE 3	DIE ZONE 4	DIE ZONE 5
TE1240-03	TE1240-04	TE1260-02	TE1260-03	TE1260-04	TE1260-05



IW40_5	IW40_6	IW41_3	IW41_4	IW41_5	IW41_6
W[4831]	W[4734]	W[4855]	W[4858]	W[4861]	W[4864]

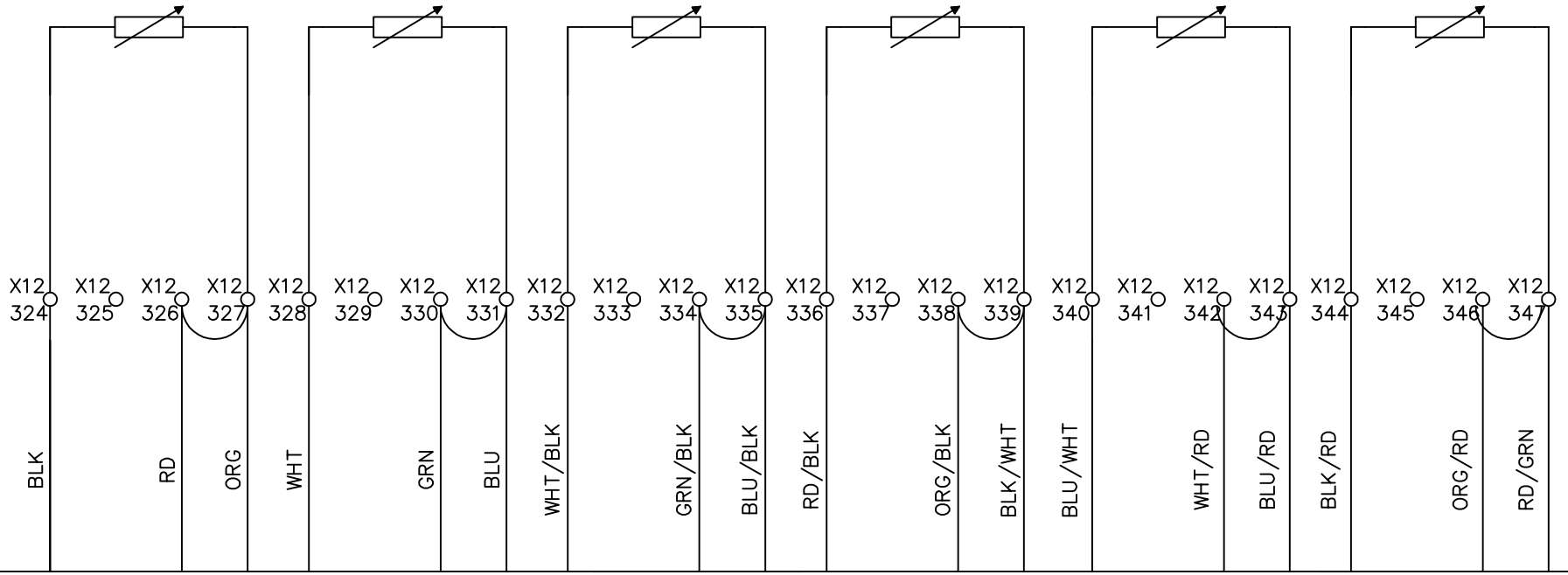
File Name : P40-41 slot 7 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	DRAWING DESCRIPTION	Page #	40-41	
DRAWN BY Rufus Huang		2	Change CH1,CH2 Tag	Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1 ZONE 1	SAT EXT. 1 ZONE 2	SAT EXT. 1 ZONE 3	SAT EXT. 1 ZONE 4	SAT EXT. 1 ZONE 5	SAT EXT. 1 ZONE 6
TE1210–01	TE1210–02	TE1210–03	TE1210–04	TE1210–05	TE1210–06



IW42_3	IW42_4	IW42_5	IW42_6	IW43_3	IW43_4
W[4700]	W[4703]	W[4706]	W[4709]	W[4712]	W[4715]

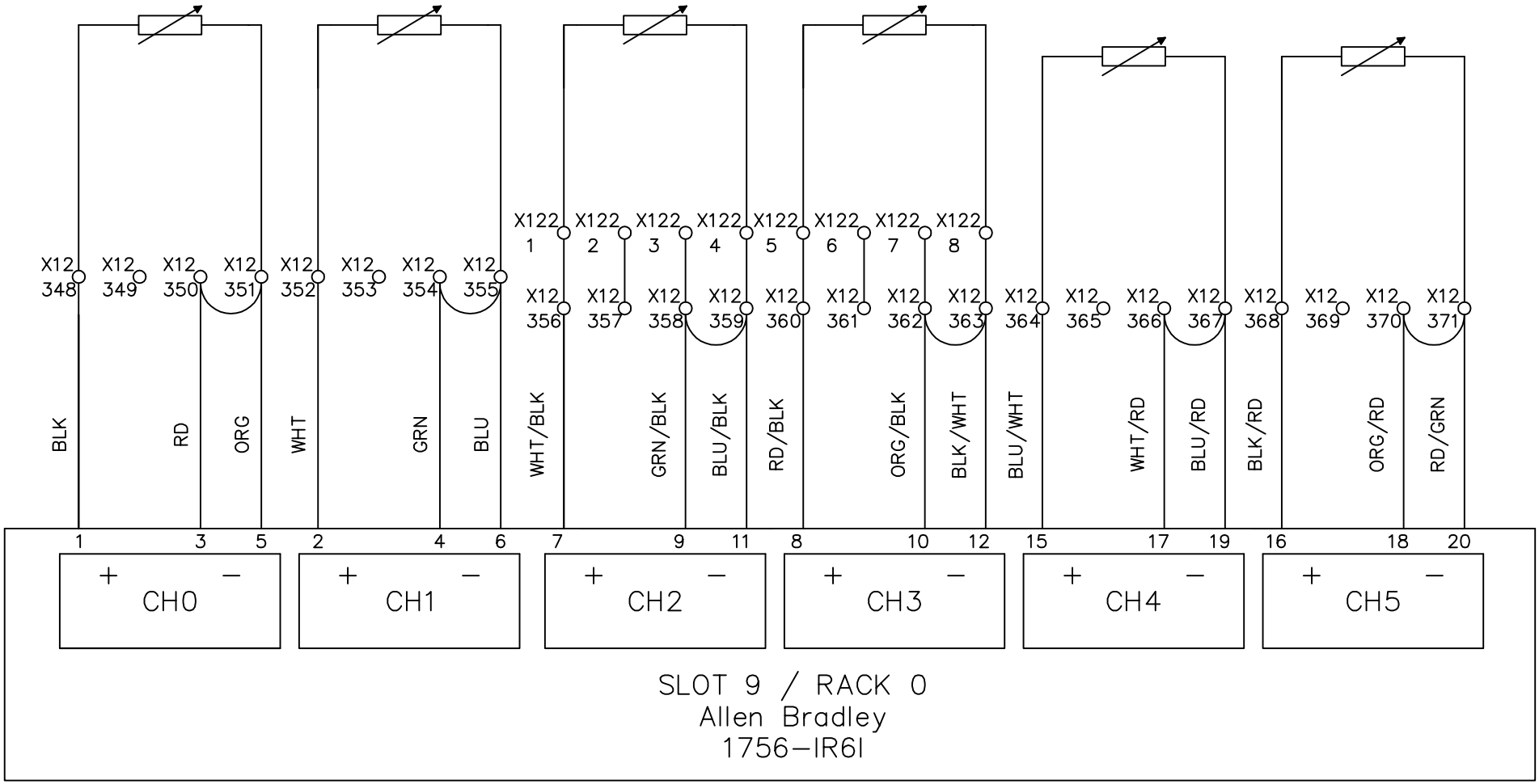
File Name : P42–43 slot 8 Allen Bradley 1756–IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 E12 X12 DOOR 1	Page #	42–43	
DRAWN BY Rufus Huang		2		Edwin Lee 06/17/20			Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z. 05/23/19	DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY: REV. DATE	DRAWN DATE: 05–01–2018		SCALE NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1 ZONE 7	SAT EXT. 1 ADAPT	SAT. EXT. 1 FILTER	SAT. EXT. 1 MELT LINE	MONOLAYER ZONE1	MONOLAYER ZONE2
TE1210-07	TE1210-29	TE1232-01	TE1245-01		



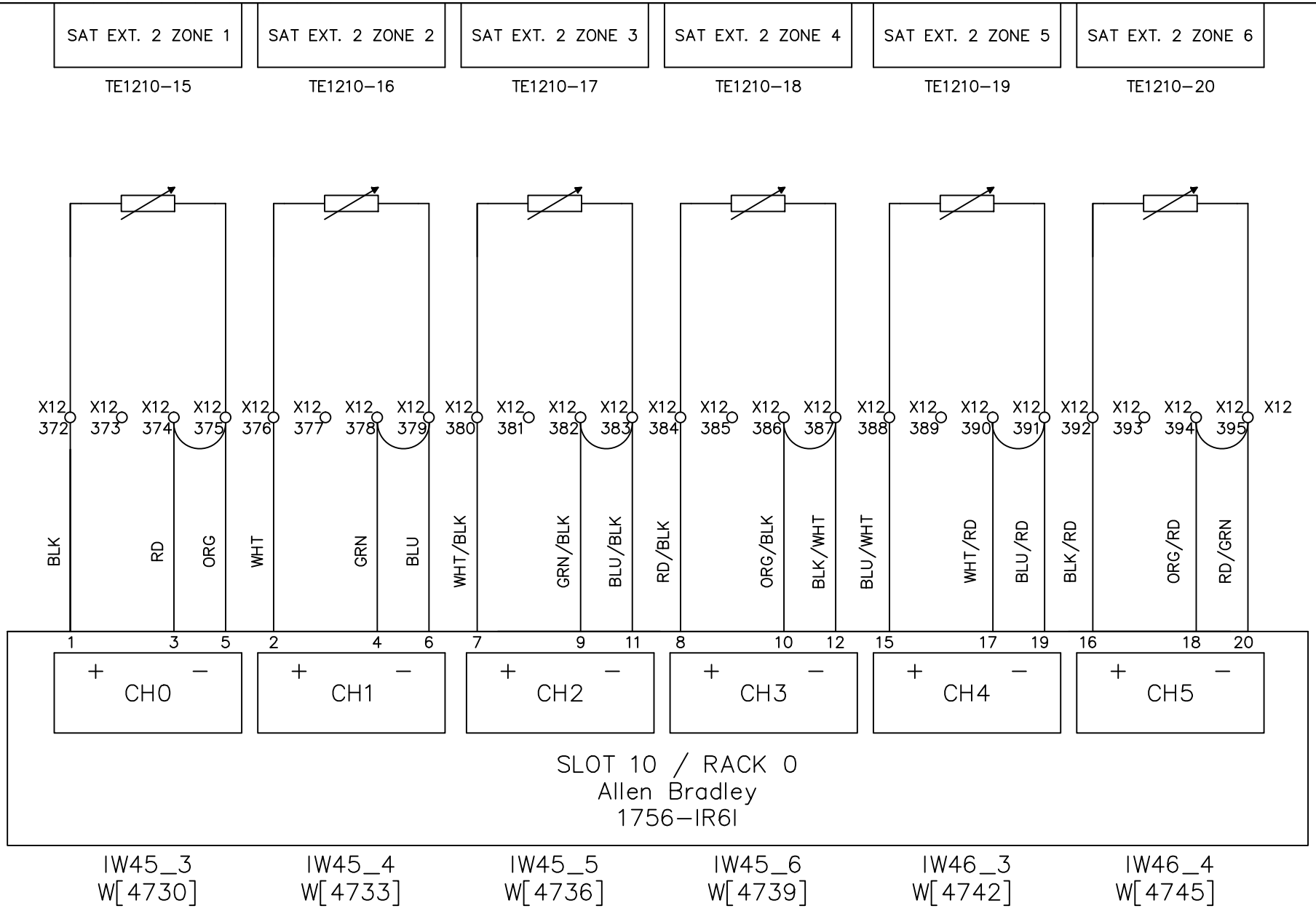
IW43_5	IW43_6	IW44_3	IW44_4	IW44_5	IW44_6
W[4718]	W[4721]	W[4724]	W[4727]		

File Name : P43-44 slot 9 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	43-44	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



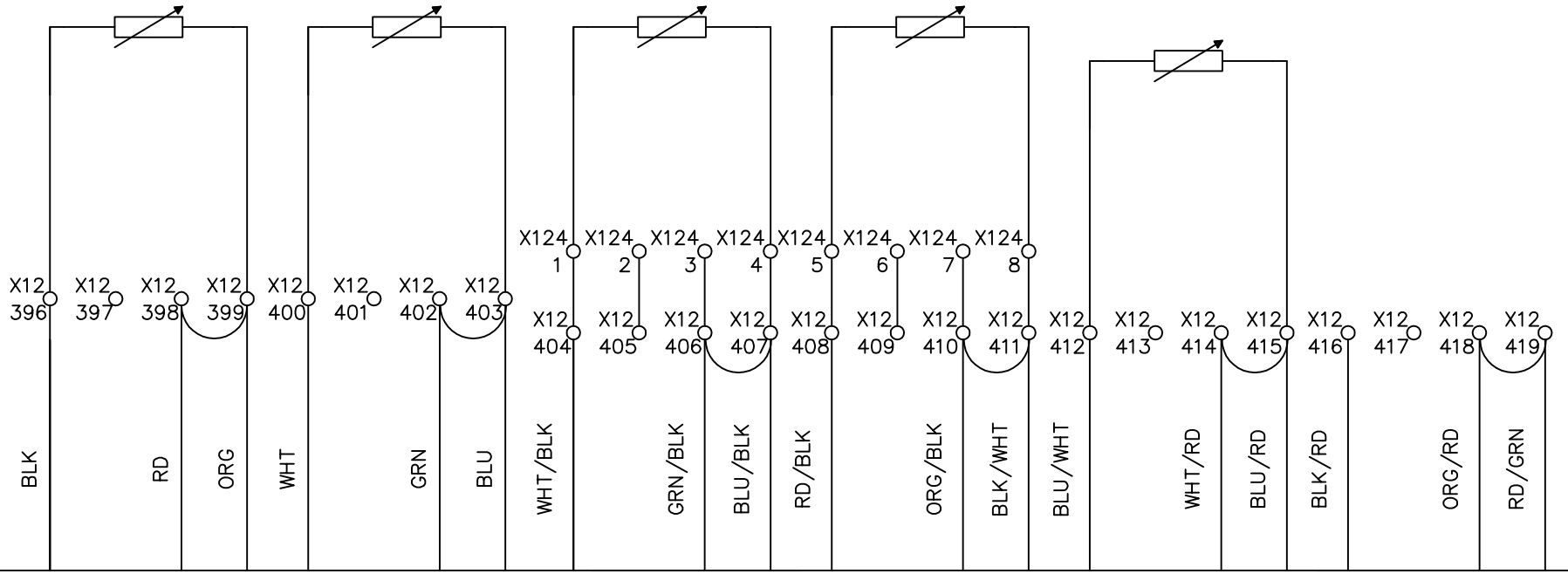
File Name : P45–46 slot 10 Allen Bradley 1756–IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1		Page #	45–46		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20				Total			
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.			MATERIAL			
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018		SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 2 ZONE 7	SAT EXT. 2 ADAPT.	SAT. EXT. 2 FILTER	SAT. EXT. 2 MELT LINE	MONOLAYER ZONE3	FREE
TE1210−21	TE1210−30	TE1232−02	TE1245−02		



IW46_5	IW46_6	IW47_3	IW47_4	IW47_5	IW47_6
W[4748]	W[4751]	W[4750]	W[4757]	W[4796]	W[4799]

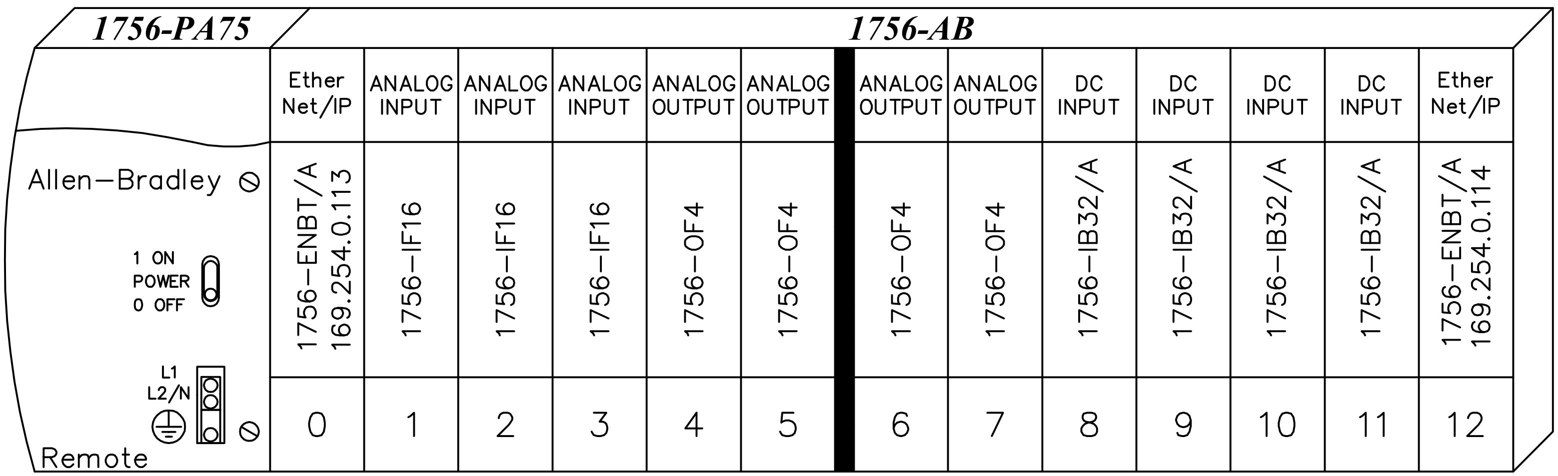
File Name : P46−47 slot 11Allen Bradley 1756−IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 6 P.L.C. ANALOG INPUT PT100 Probe °F				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	46−47	
DRAWN BY Rufus Huang		2	Change Tag	Edwin Lee 06/17/20			Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z. 05/23/19	DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY: REV. DATE	DRAWN DATE: 05−01−2018		SCALE NONE	UNIT	MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

RACK 1



REMOTE I/O

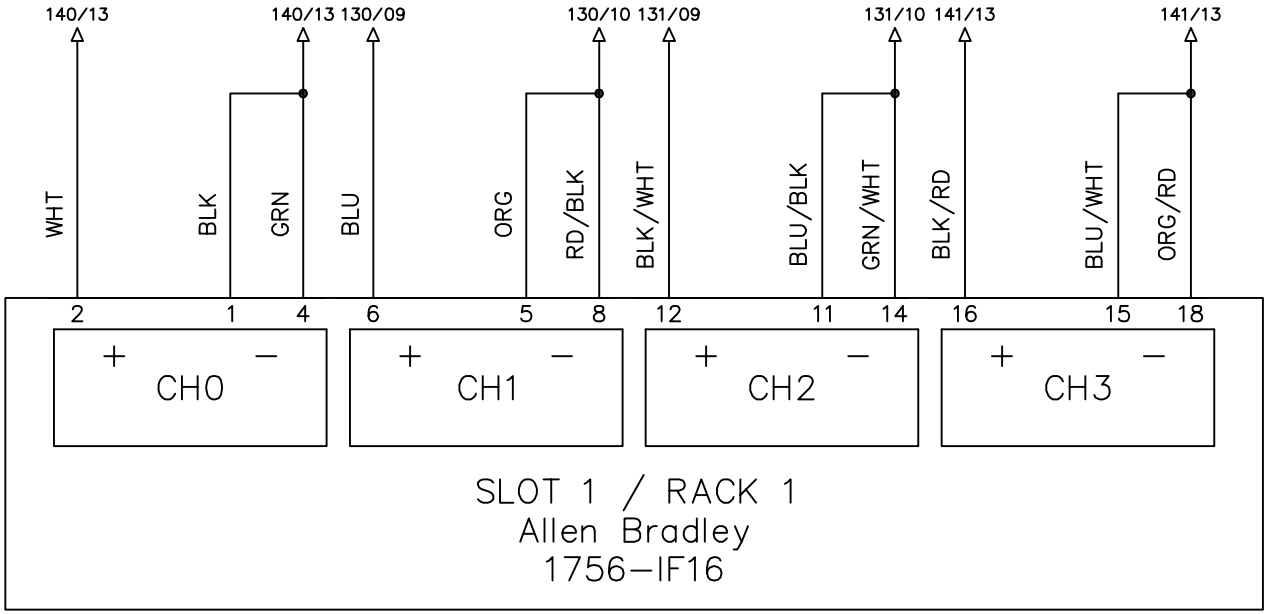
File Name : P48 Rack1.dwg

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 RACK 1, 1756–A13 13–SLOT CONTROL LOGIX CHASSIS					DRAWING DESCRIPTION	KF023 F12	Page # 48
			2		Edwin Lee	06/17/20			Total
DRAWN BY	Rufus Huang		1	Add Terminal Number	CharlieZ.	05/23/19	DRAWING NO.		MATERIAL
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT TEMP. AFTER PRIMARY EXT.	MELT PRESS. AFTER PRIMARY EXT.	MELT PRESS. BEFROE SEC. EXT.	MELT TEMP AFTER SEC. EXT.
TE1200–16	PE1200–17	PE1200–18	TE1200–19
T510	P511	P512	T513



IW62_3_0	IW62_4_0	IW62_5_0	IW62_6_0
W[4888]	W[4889]	W[4890]	W[4891]

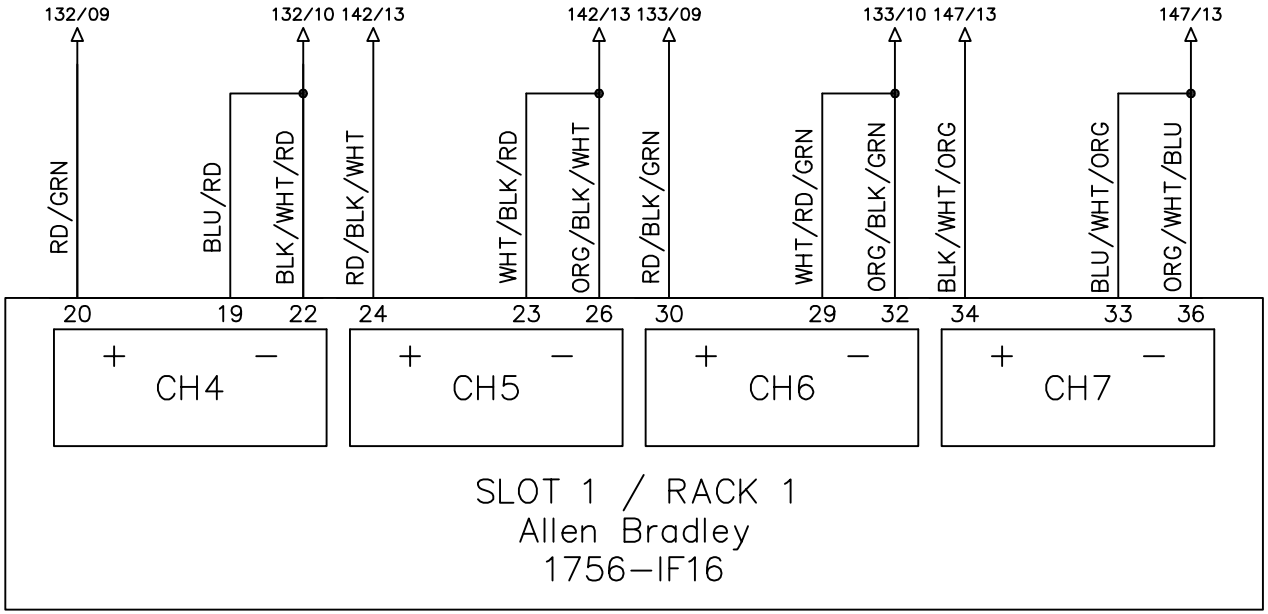
File Name : P57 slot 1 Allen Bradley 1756–IF16–1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 8 P.L.C. ANALOG INPUT 4–20mA				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	57	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018		SCALE: NONE	UNIT: MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT PRESS. AFTER SEC. EXT.	MELT TEMP. BEFORE DIE	MELT PRESS. BEFROE DIE	WEIGHING OF DOSEING HOPPER
PE1200-20	TE1250-02	PE1250-03	WT1115
P514	T515	P516	R200



IW62_3_1	IW62_4_1	IW62_5_1	IW62_6_1
W[4892]	W[4893]	W[4894]	W[4876]

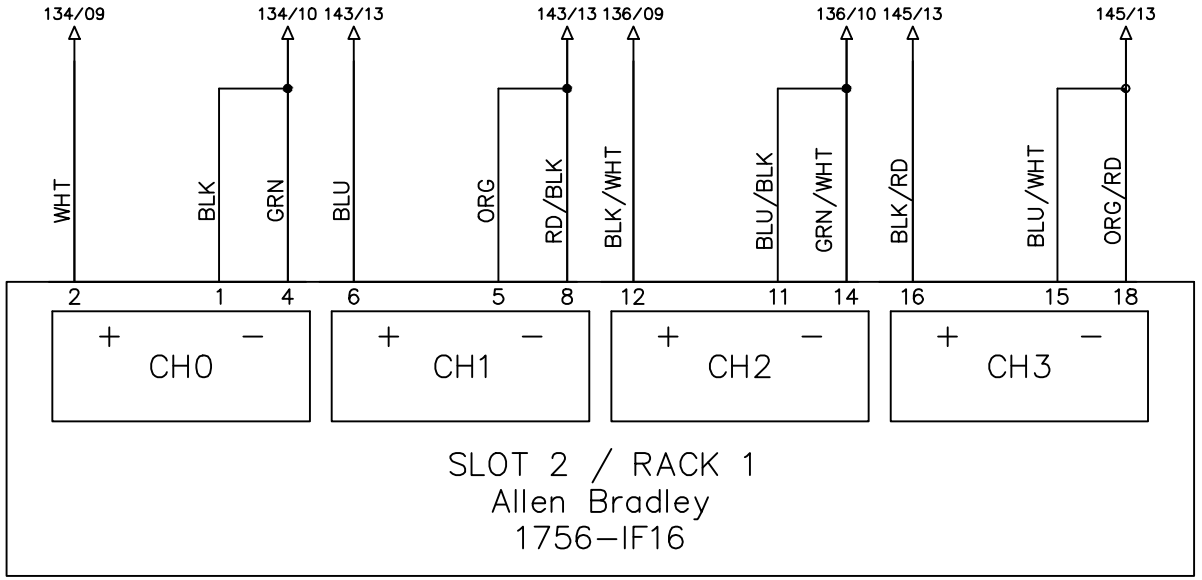
File Name : P58 slot 1 Allen Bradley 1756-IF16-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 8 P.L.C. ANALOG INPUT 4-20mA				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	58	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT PRESS. AFTER SAT. EXT. 1	MELT TEMP. AFTER SAT. EXT. 1	MELT PRESS. AFTER SAT. EXT. 2	MELT TEMP. AFTER SAT. EXT. 2
PE1210-31	TE1210-32	PE1210-33	TE1210-34
P501	T500	P505	T504



IW63_3_0	IW63_4_0	IW63_5_0	IW63_6_0
W[4881]	W[4880]	W[5885]	W[4884]

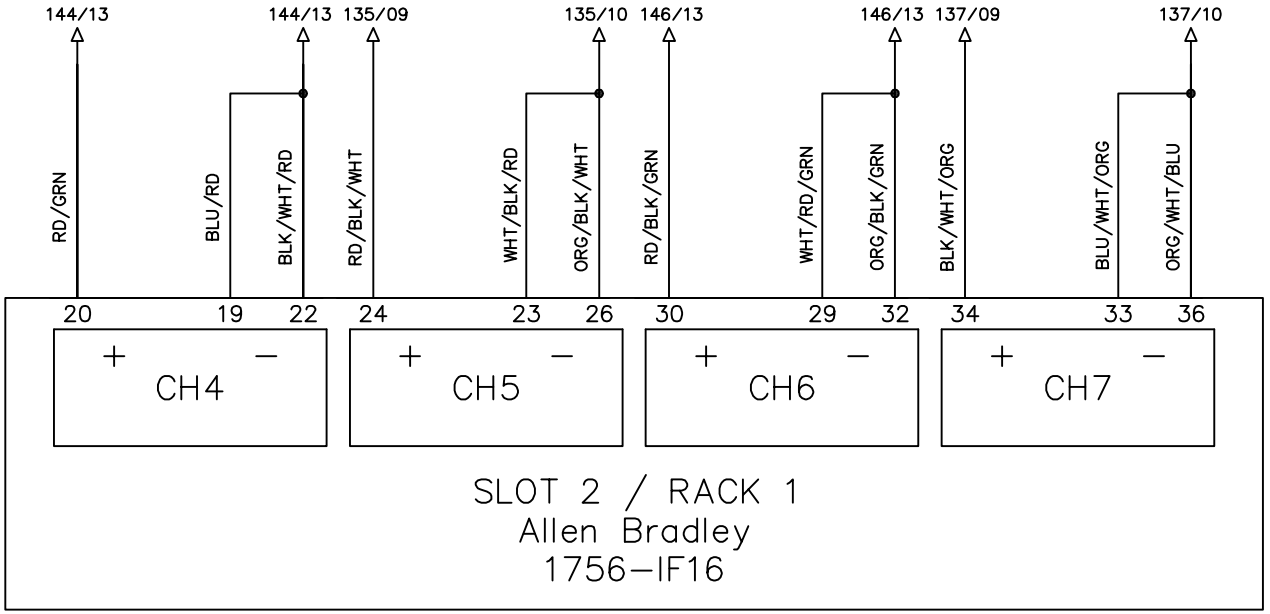
File Name : P59 slot 2 Allen Bradley 1756-IF16-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 8 P.L.C. ANALOG INPUT 4-20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	59			
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total				
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL				
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT TEMP. BEFORE DIE	MELT PRESS. BEFORE DIE	MELT TEMP. BEFORE DIE	MELT PRESS. BEFORE DIE
TE1235-01	PE1235-03	TE1235-02	PE1235-04
T502	P503	T506	P507



IW63_3_1	IW63_4_1	IW63_5_1	IW63_6_1
W[4882]	W[4883]	W[4886]	W[4887]

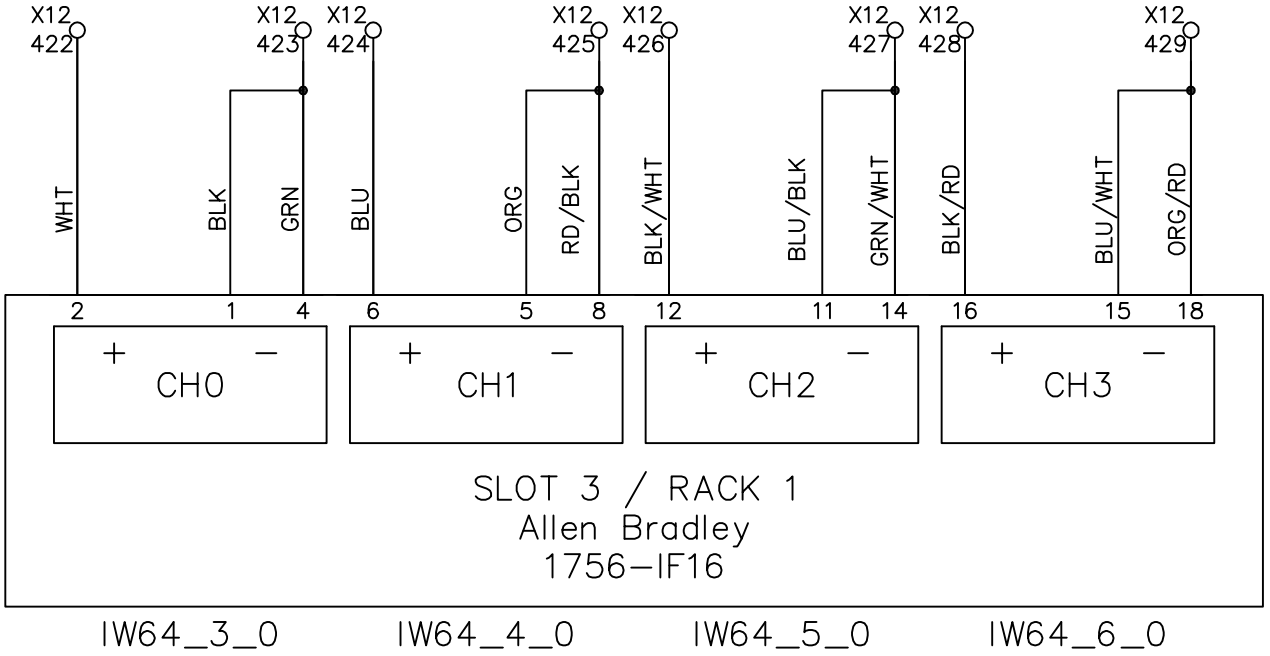
File Name : P60 slot 2 Allen Bradley 1756-IF16-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 8 P.L.C. ANALOG INPUT 4-20mA				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	60	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE: NONE	UNIT: MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE | FREE | FREE | FREE



File Name : P61 slot 3 Allen Bradley 1756−IF16−1.dwg

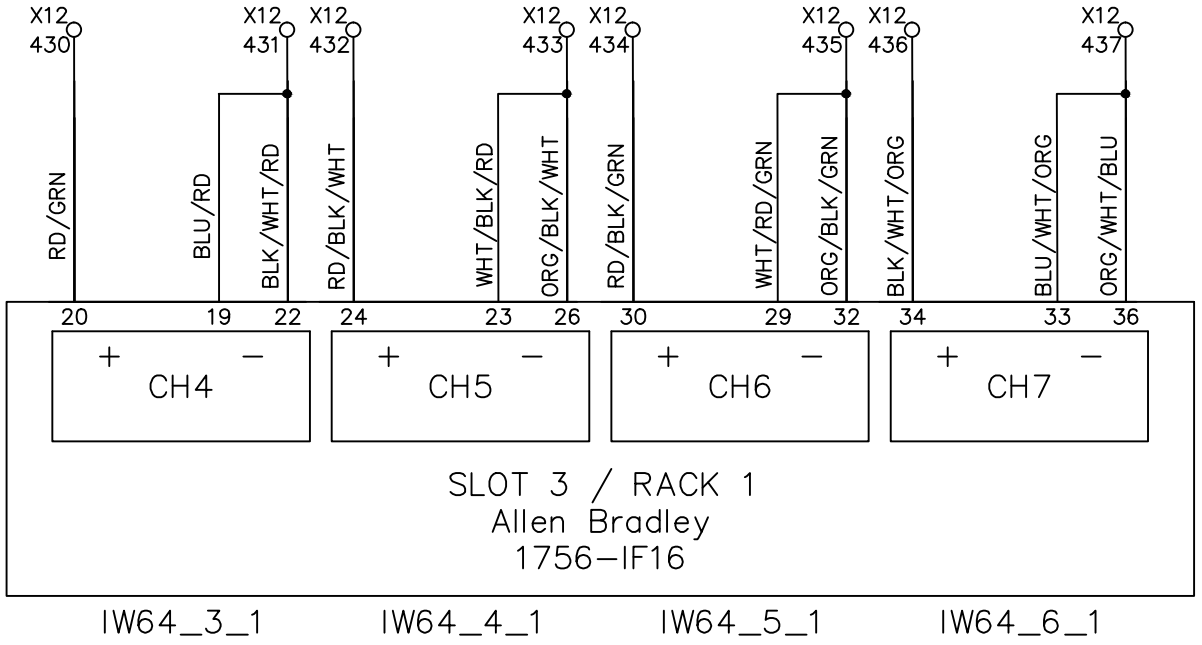
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1		Page #	61	
DRAWN BY	Rufus Huang								Total		
CHECKED BY	JERRY WU	2		Edwin Lee	06/17/20						
		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.			MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05−01−2018		SCALE	NONE	UNIT MM

Line1 8 P.L.C. ANALOG INPUT
4−20mA

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE FREE FREE FREE



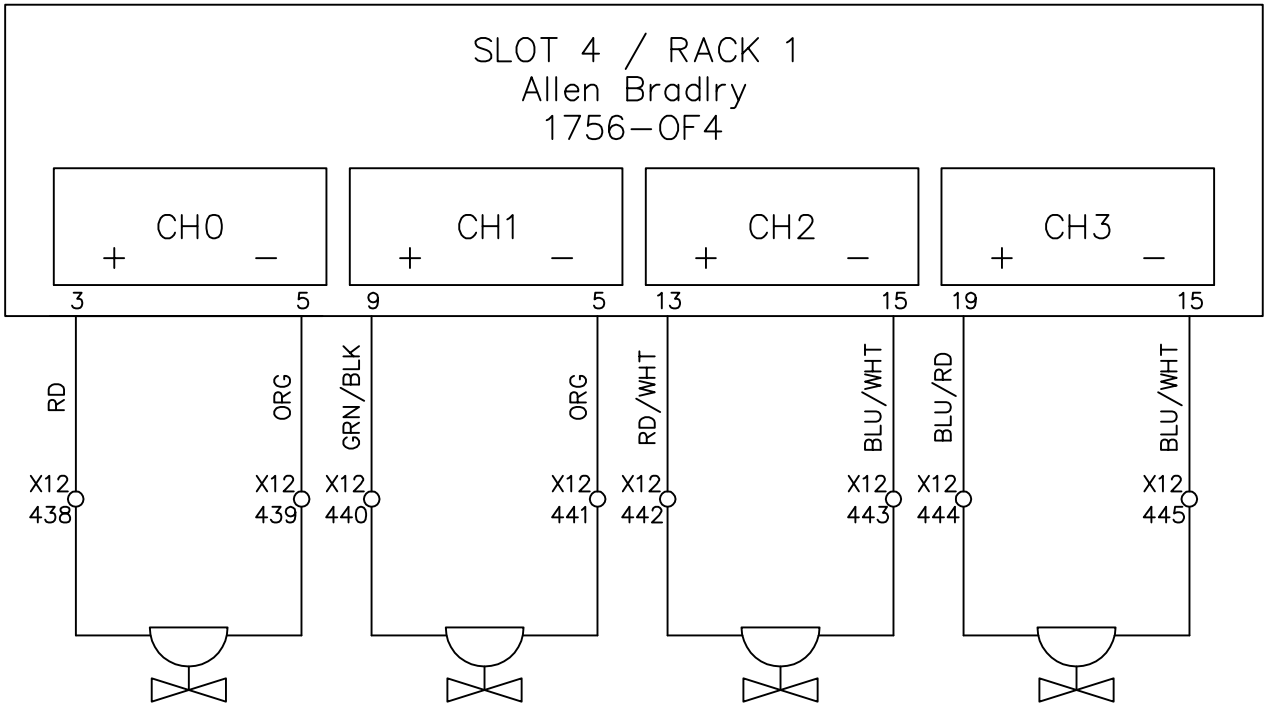
File Name : P62 slot 3 Allen Bradley 1756−IF16−2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 8 P.L.C. ANALOG INPUT 4−20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	62		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total			
CHECKED BY	JERRU WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05−01−2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SECONDARY MELT LINE 1st PART.	SECONDARY MELT LINE 2nd PART.	MELT LINE SAT.EXT.1	MELT LINE SAT.EXT.2
TV1240-03	TV1240-04	TV1245-01	TV1245-02
W[7020]	W[7070]	W[6120]	W[6270]
OW65_3	OW65_4	OW65_5	OW65_6



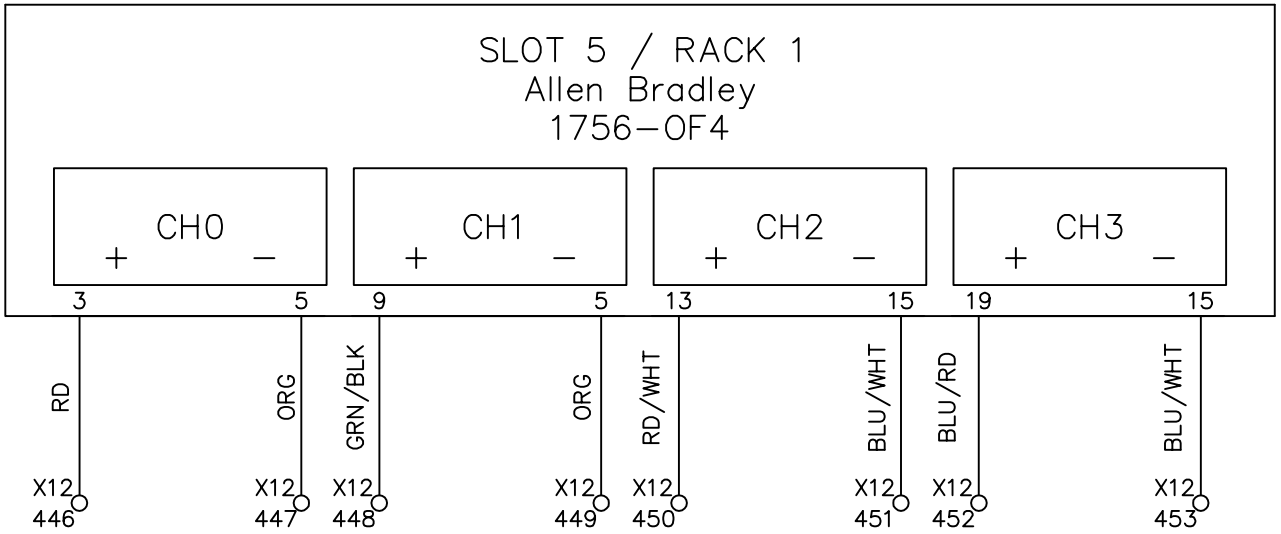
File Name : P63 slot 4 Allen Bradley 1756-OF4 rack1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	63	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE
M1106−01	M1106−02	M1112−01	
ALSO FOREMOST ACTUAL WEIGNT FOR XE01	ALSO FOREMOST WEIGHT SETPOINT FOR XE01		
OW66_3	OW66_4	OW66_5	OW66_6



File Name : P64 slot 5 Allen Bradley 1756−OF4 rack1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	LINE1 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	64
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05−01−2018		SCALE: NONE	UNIT: MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE | FREE | FREE | FREE

OW67_3 OW67_4 OW67_5 OW67_6

SLOT 6 / RACK 1
Allen Bradley
1756-OF4

CH0	CH1	CH2	CH3
+ −	+ −	+ −	+ −
3 5	9 5	13 15	19 15
RD	ORG	GRN/BLK	ORG	RD/WHT	BLU/WHT	BLU/RD	BLU/WHT
X12 454	X12 455	X12 456	X12 457	X12 458	X12 459	X12 460	X12 461

File Name : P65 slot 6 Allen Bradley 1756-OF4 rack1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 4 P.L.C. ANALOG OUTPUT Rack 1				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	65	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE | FREE | FREE | FREE

OW80_3 OW80_4 OW80_5 OW80_6

SLOT 7 / RACK 1
Allen Bradley
1756-OF4

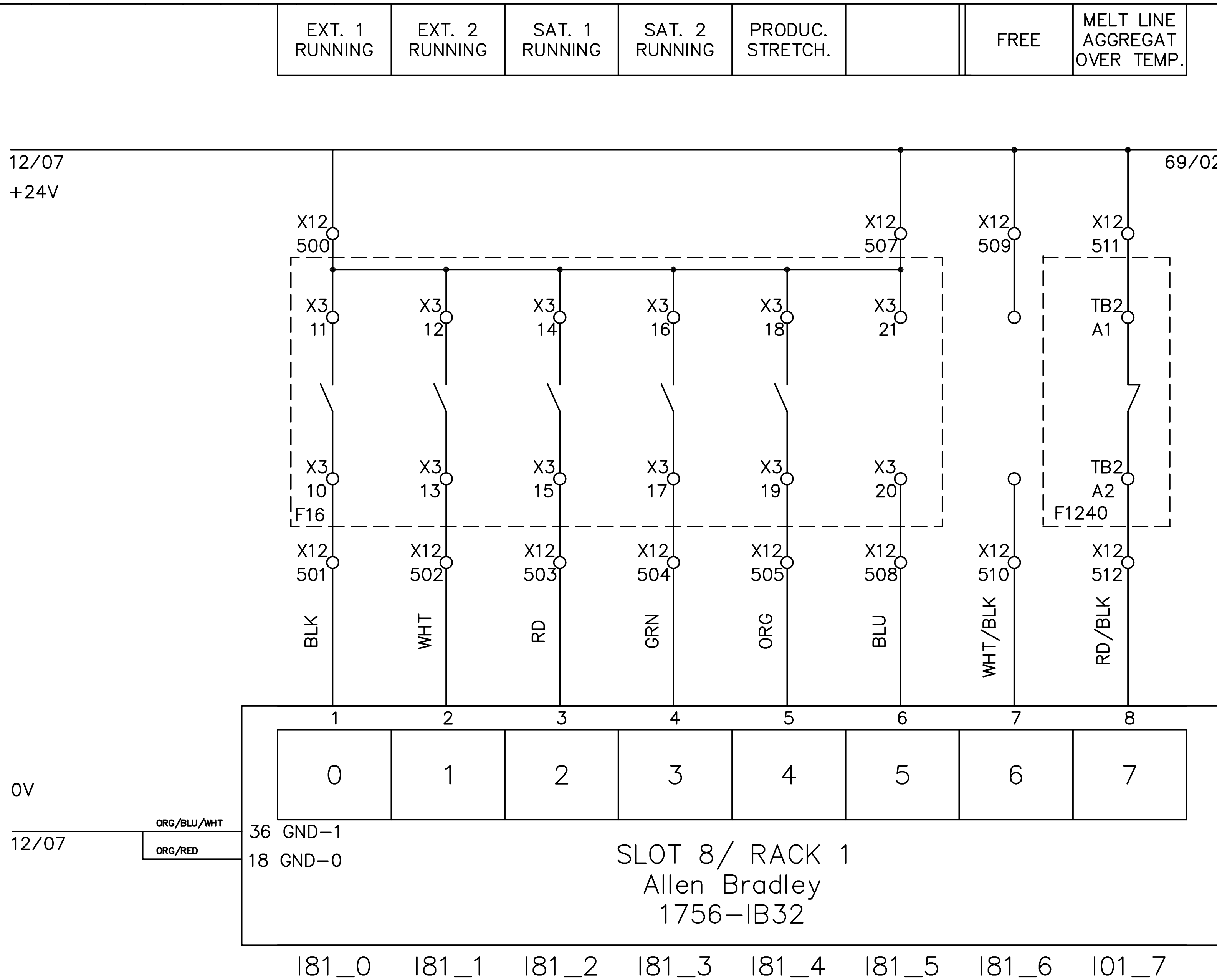
CH0 (+ 3, − 5) | CH1 (+ 9, − 5) | CH2 (+ 13, − 15) | CH3 (+ 19, − 15)

	RD	ORG	GRN/BLK	ORG	RD/WHT	BLU/WHT	BLU/RD	BLU/WHT
X12	462	463	464	465	466	467	468	469

File Name : P67 slot 7 Allen Bradley 1756-OF4 rack1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

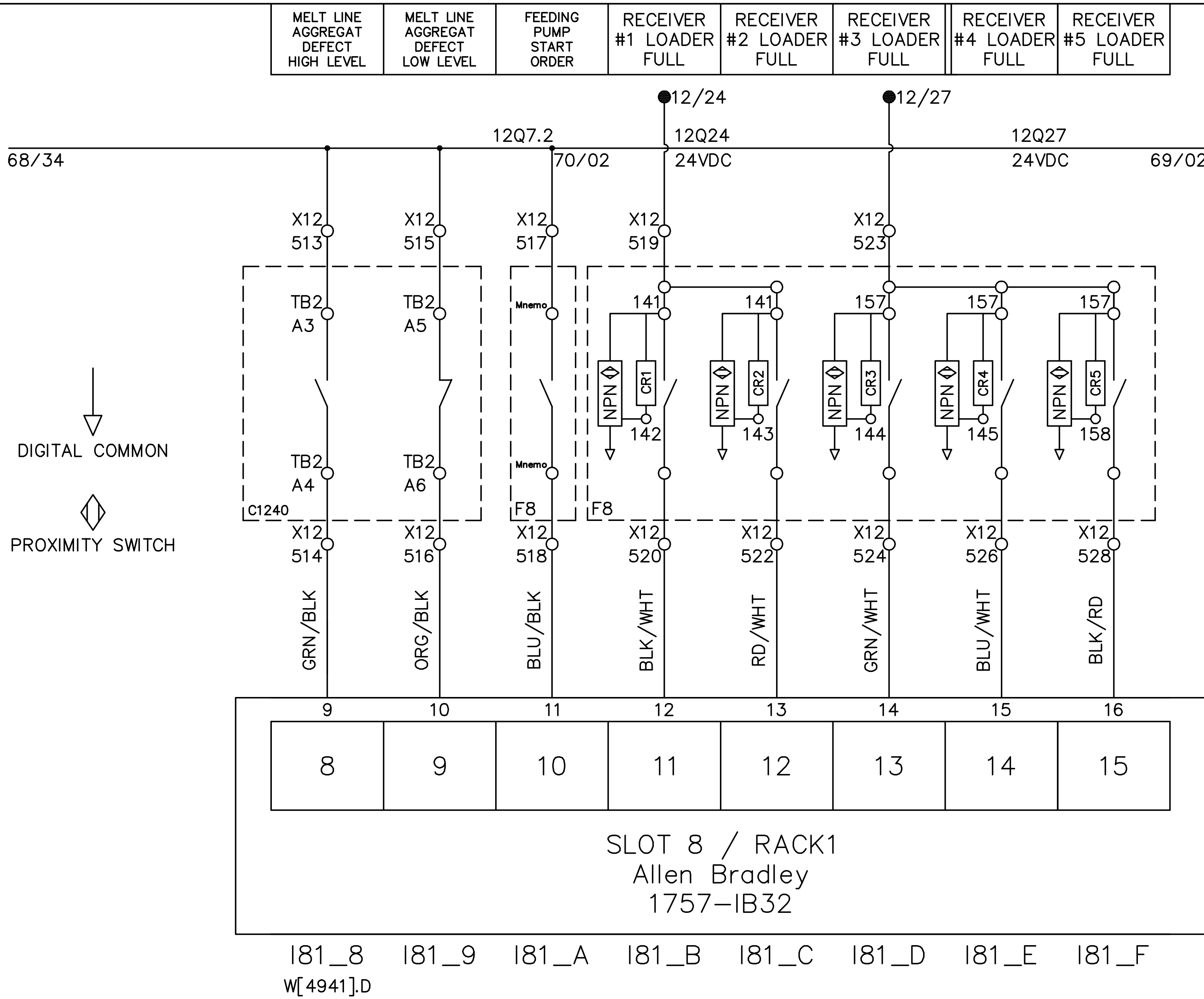
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 4 P.L.C. ANALOG OUTPUT Rack 1				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	67	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE: NONE	UNIT: MM



File Name : P68 slot 8 Allen Bradley 1756-IB32 rack1-1.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	68
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/06/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



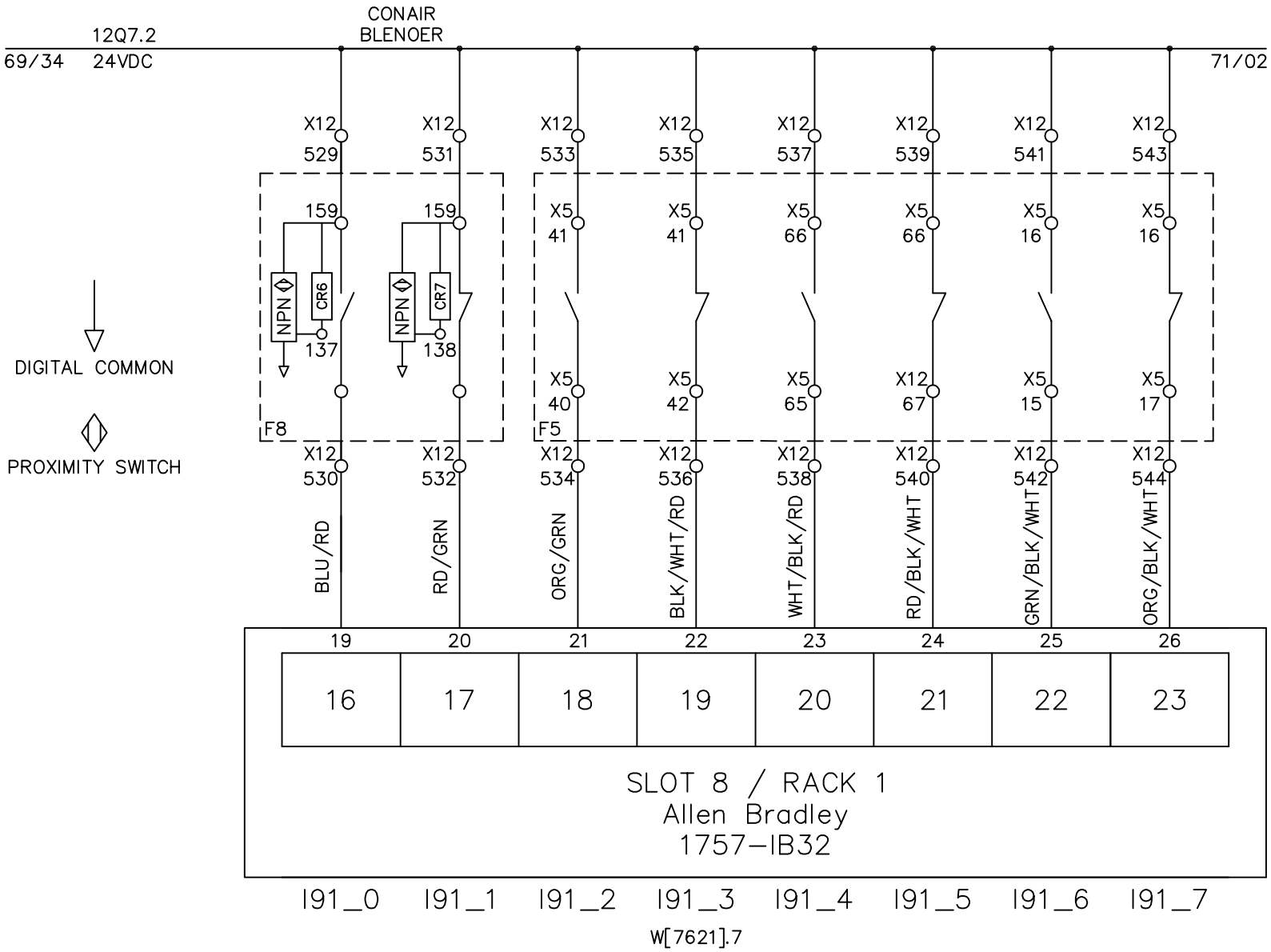
File Name : P69 slot 8 Allen Bradley 1756-IB32 rack1-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page # 69
			2		Edwin Lee	06/17/20			Total
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MIXER FULL	MIXER EMPTY	MOTOR RUNNING	MOTOR DEFECT	MOTOR RUNNING	MOTOR DEFECT	MOTOR RUNNING	MOTOR DEFECT
		M1106-01	M1106-01	M1106-02	M1106-02	M1112-01	M1112-01



W[7621].7

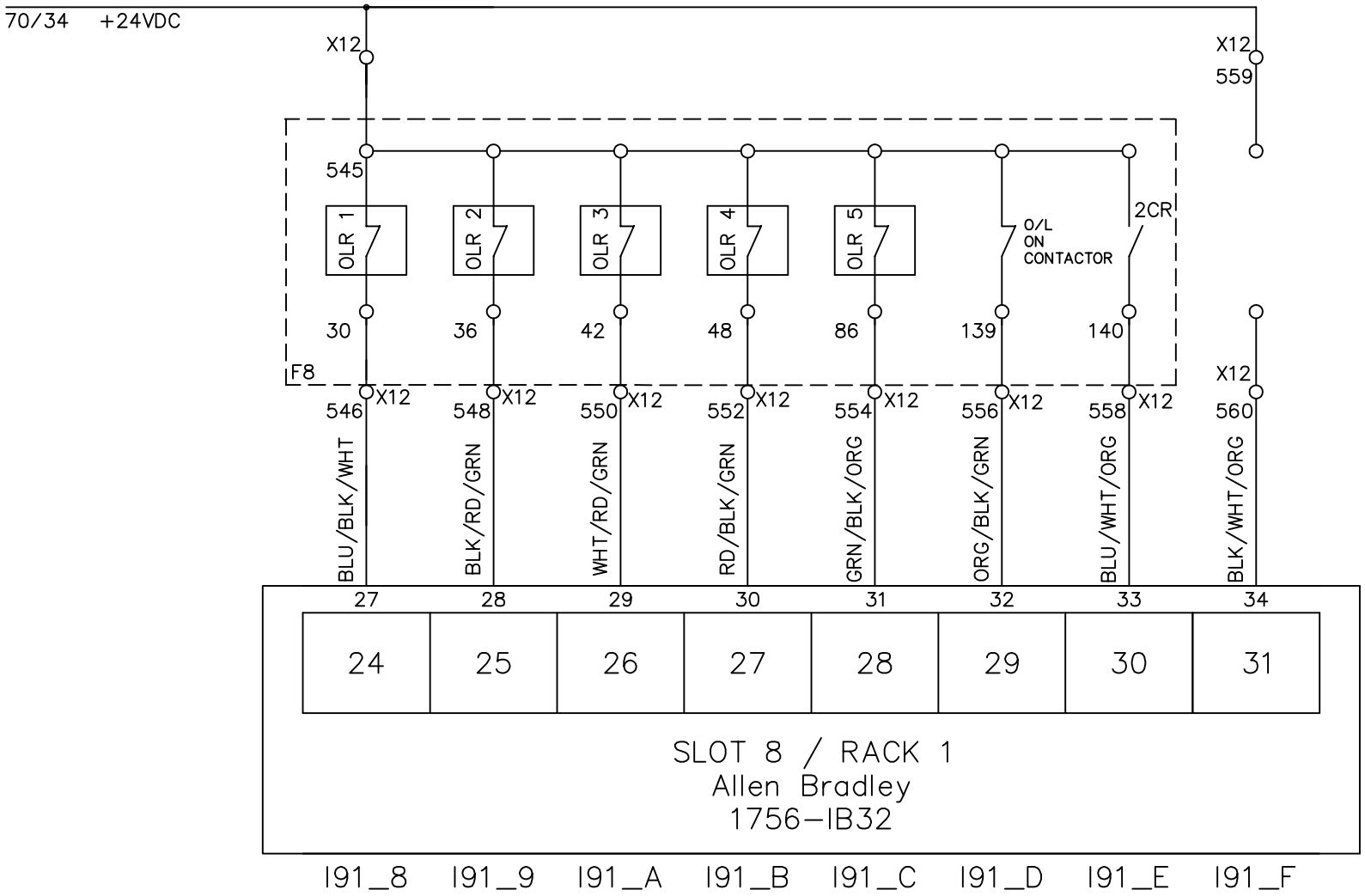
File Name : P70 slot 8 Allen Bradley 1756-IB32 rack1-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1,5	Page #	70		
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20		Total			
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

XE02,03,04	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE
XE01 DELAY ACTION (TIMER)	P511	P512	P514	P516	P501	P503	P505	P507



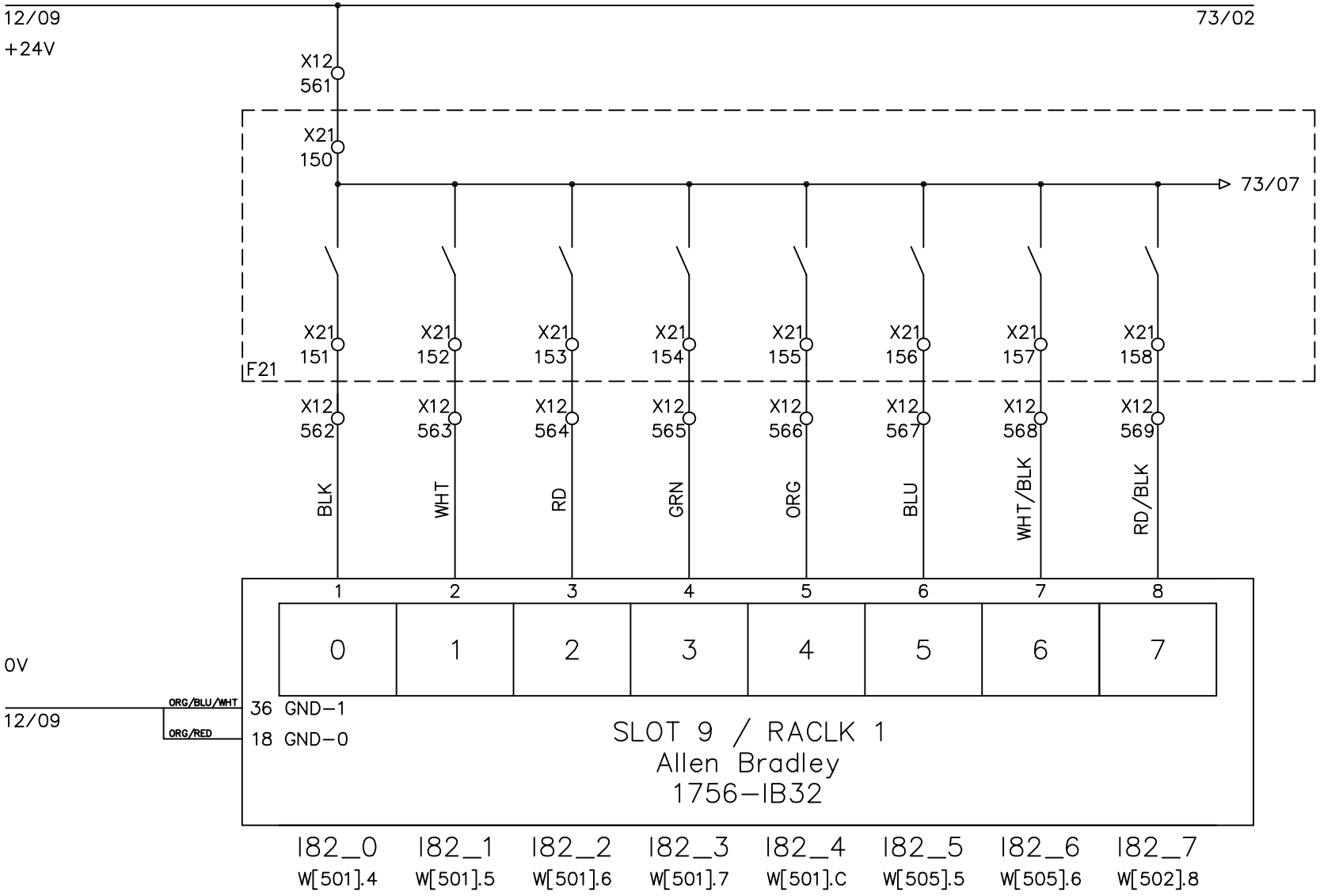
File Name : P71 slot 8 Allen Bradley 1756-IB32 rack1-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	71		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATER ZONE 1 EXT.1	HEATER ZONE 2 EXT.1	HEATER ZONE 3 EXT.1	HEATER ZONE 4 EXT.1	COOLING PUMP EXT.1	MIXING SCREW	ROTARY ARM	HEATER ZONE 1 EXT.2
M1200-01	M1200-02	M1200-03	M1200-04	M1200-05	M1114-01	M1114-02	M1200-06



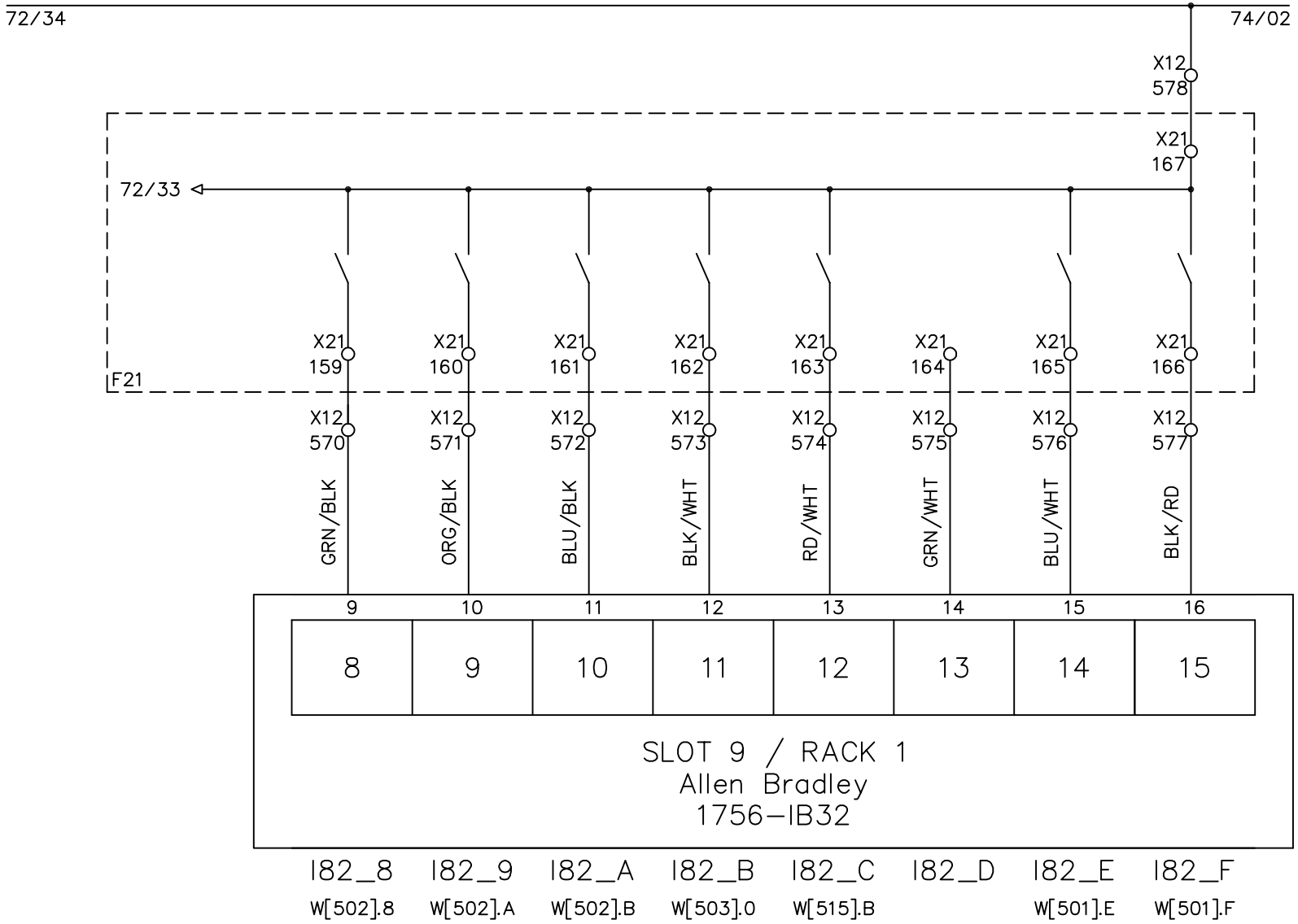
File Name : P72 slot 9 Allen Bradley 1756-IB32 rack1-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	72		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATER ZONE 2 EXT.2	HEATER ZONE 3 EXT.2	HEATER ZONE 4 EXT.2	COOLING PUMP EXT.2	VACUUM PUMP	FREE	MELT LINE 1 ZONE 1	MELT LINE 1 ZONE 2
M1200-07	M1200-08	M1200-09	M1200-11	M1107-01		M1200-12	M1200-13

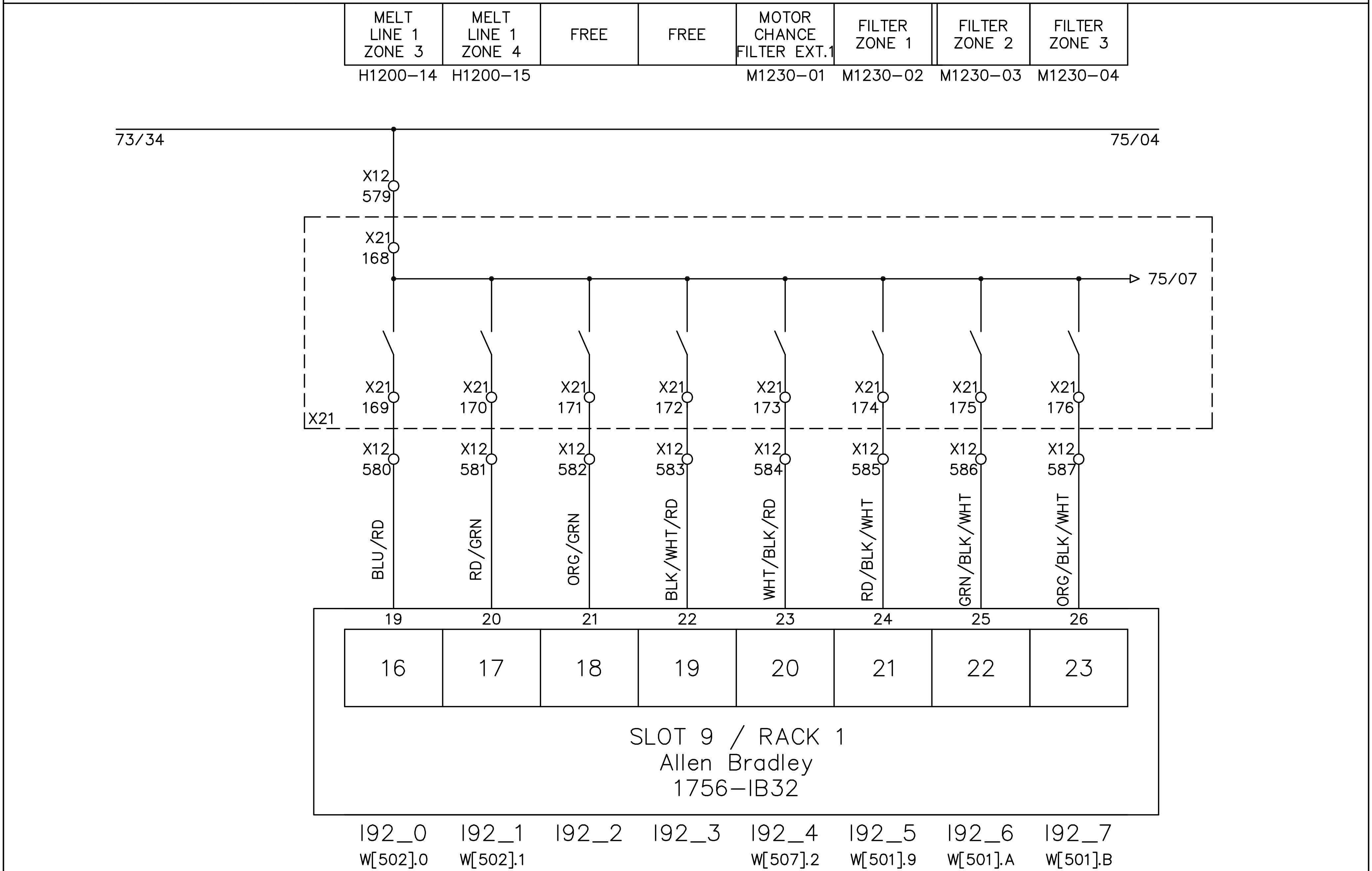


File Name : P73 slot 9 Allen Bradley 1756-IB32 rack1-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	73	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



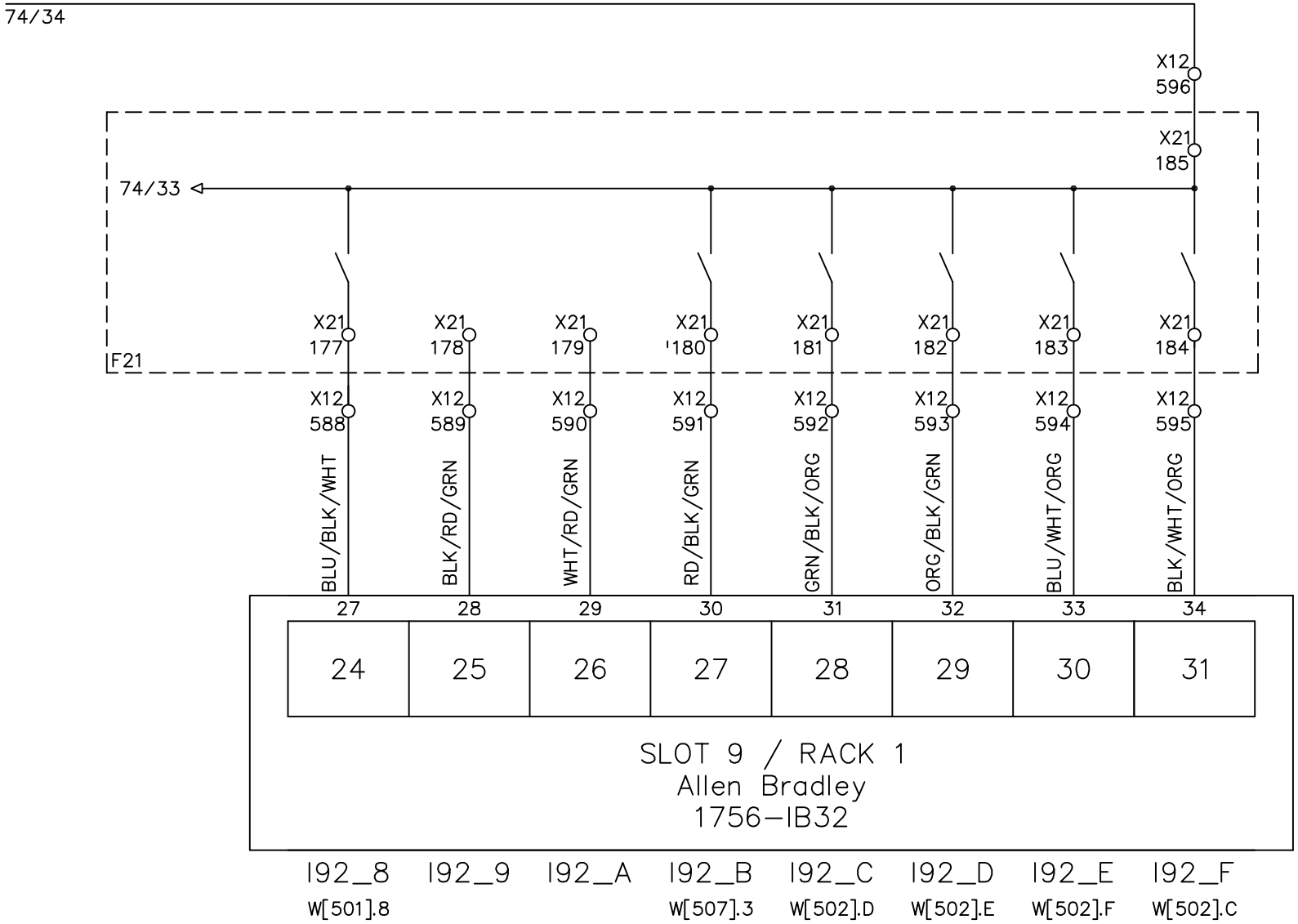
File Name : P74 slot 9 Allen Bradley 1756-IB32 rack1-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	74
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

ADAPTER	FREE	FREE	MOTOR CHANGE FILTER EXT.2	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER
H1230–05			M1231–02	H1231–02	H1231–03	H1231–04	H1231–05



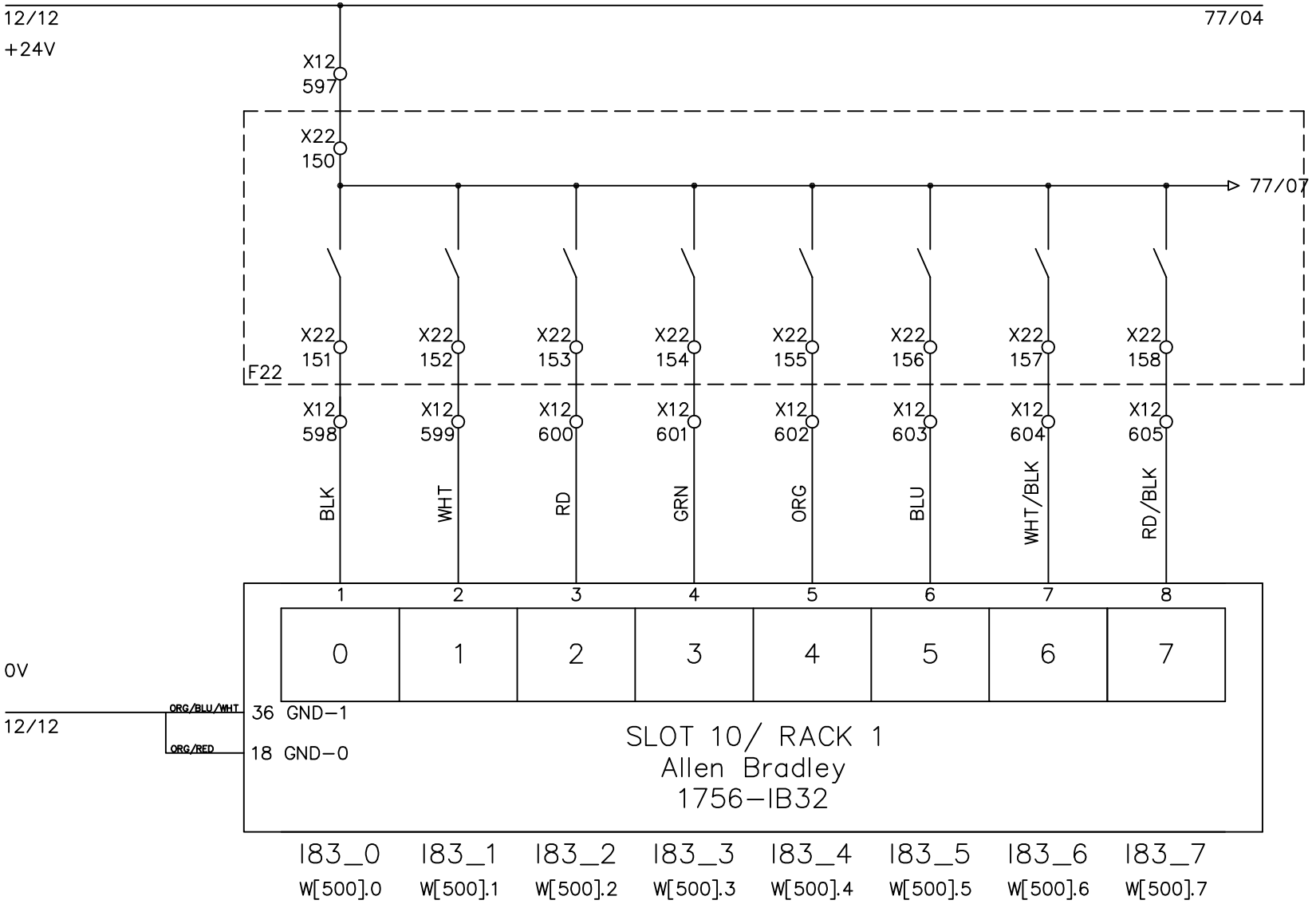
File Name : P75 slot 9 Allen Bradley 1756–IB32 rack1–4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	75	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT.EXT.1 HEATER ZONE 1	SAT.EXT.1 HEATER ZONE 2	SAT.EXT.1 HEATER ZONE 3	SAT.EXT.1 HEATER ZONE 4	SAT.EXT.1 HEATER ZONE 5	SAT.EXT.1 HEATER ZONE 6	SAT.EXT.1 HEATER ZONE 7	ADAPT.SAT. EXT.1
H1210-01	H1210-02	H1210-03	H1210-04	H1210-05	H1210-06	H1210-07	H1210-29



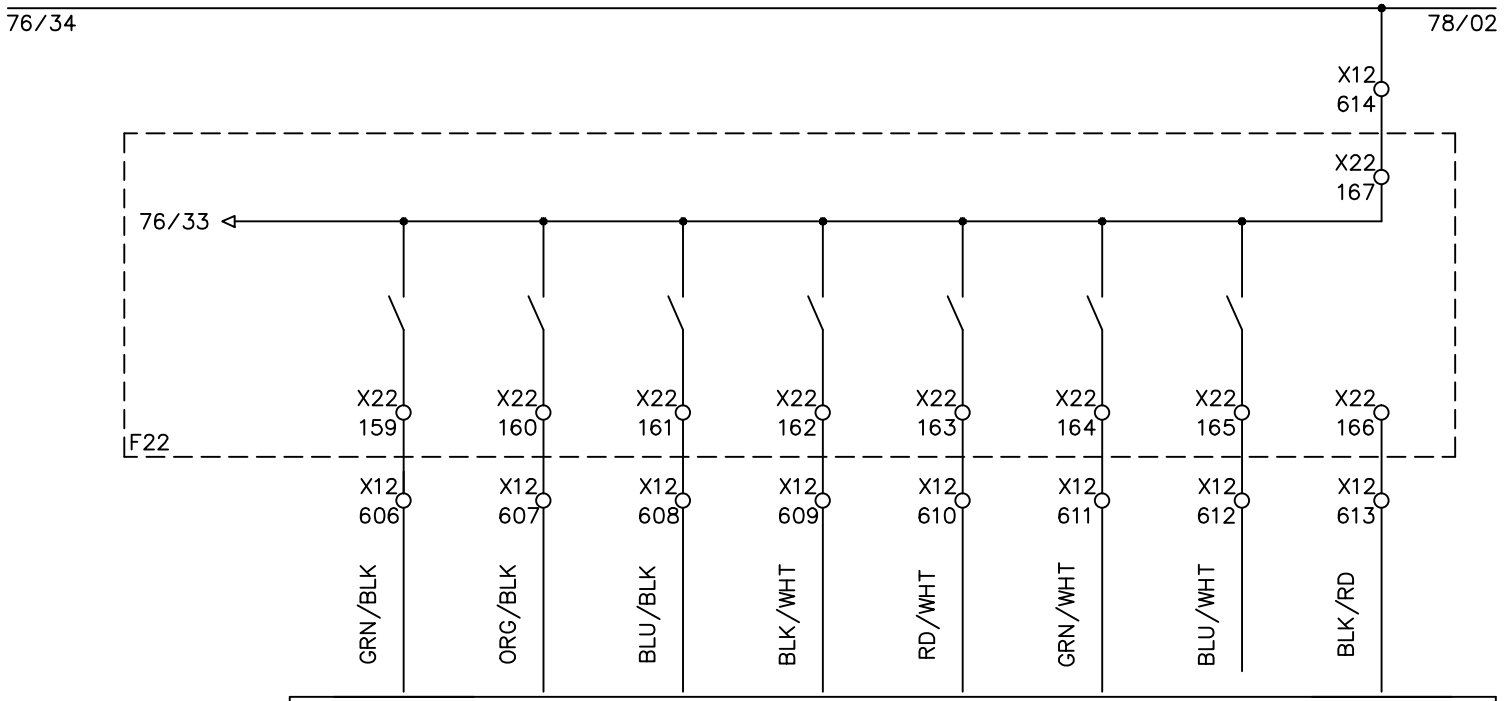
File Name : P76 slot 10 Allen Bradley 1756-IB32 rack1-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	76	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

COOLING FAN ZONE 1	COOLING FAN ZONE 2	COOLING FAN ZONE 3	COOLING FAN ZONE 4	COOLING FAN ZONE 5	COOLING FAN ZONE 6	COOLING FAN ZONE 7	FREE
M1210–08	M1210–09	M1210–10	M1210–11	M1210–12	M1210–13	M1210–14	



I83_8	I83_9	I83_A	I83_B	I83_C	I83_D	I83_E	I83_F
W[508].0	W[508].1	W[508].2	W[508].3	W[508].4	W[508].5	W[508].6	

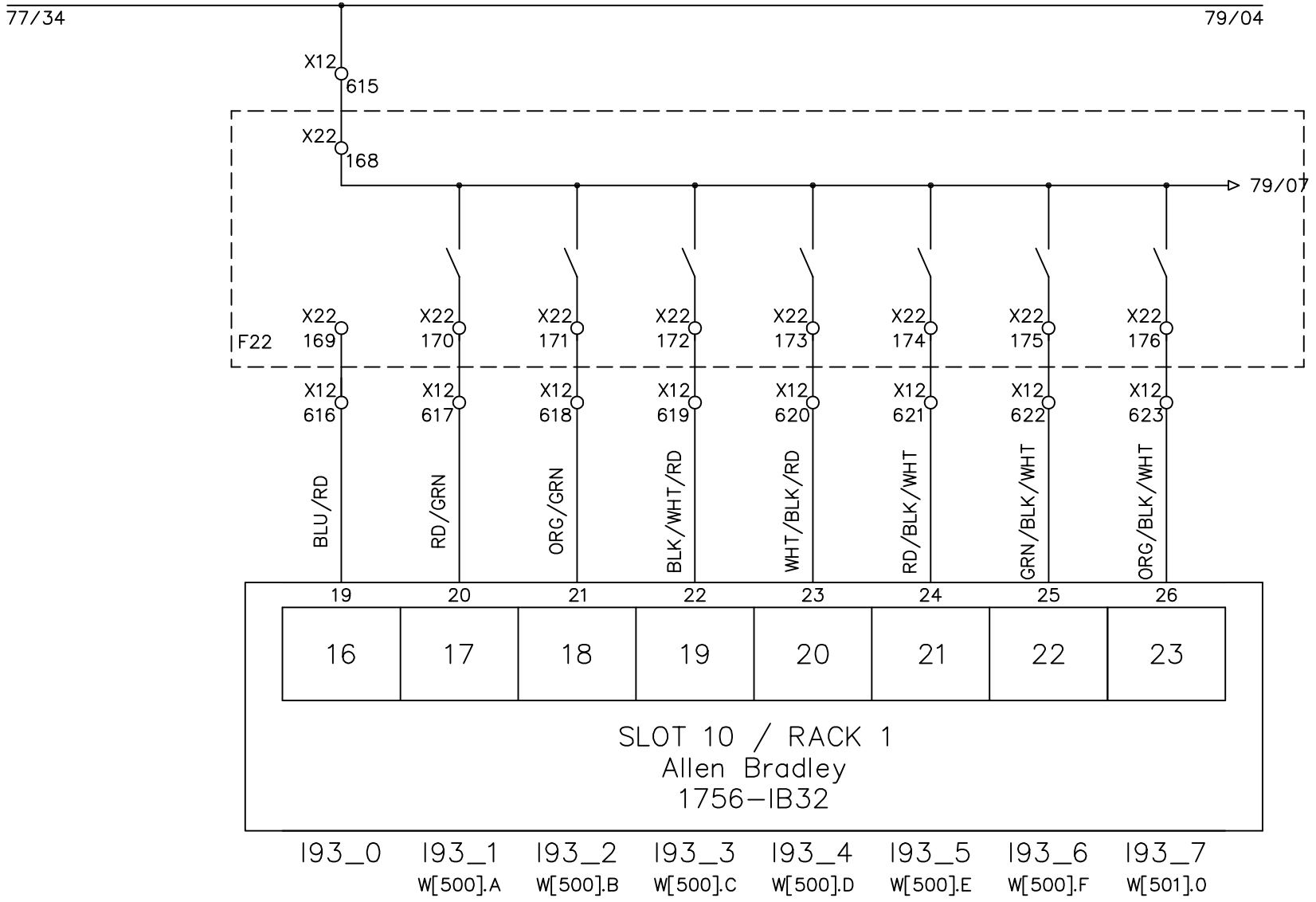
File Name : P77 slot 10 Allen Bradley 1756–IB32 rack1–2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	77		
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total			
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL			
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	SAT.EXT.2 HEATER ZONE 1	SAT.EXT.2 HEATER ZONE 2	SAT.EXT.2 HEATER ZONE 3	SAT.EXT.2 HEATER ZONE 4	SAT.EXT.2 HEATER ZONE 5	SAT.EXT.2 HEATER ZONE 6	SAT.EXT.2 HEATER ZONE 7
	H1210–15	H1210–16	H1210–17	H1210–18	H1210–19	H1210–20	H1210–21



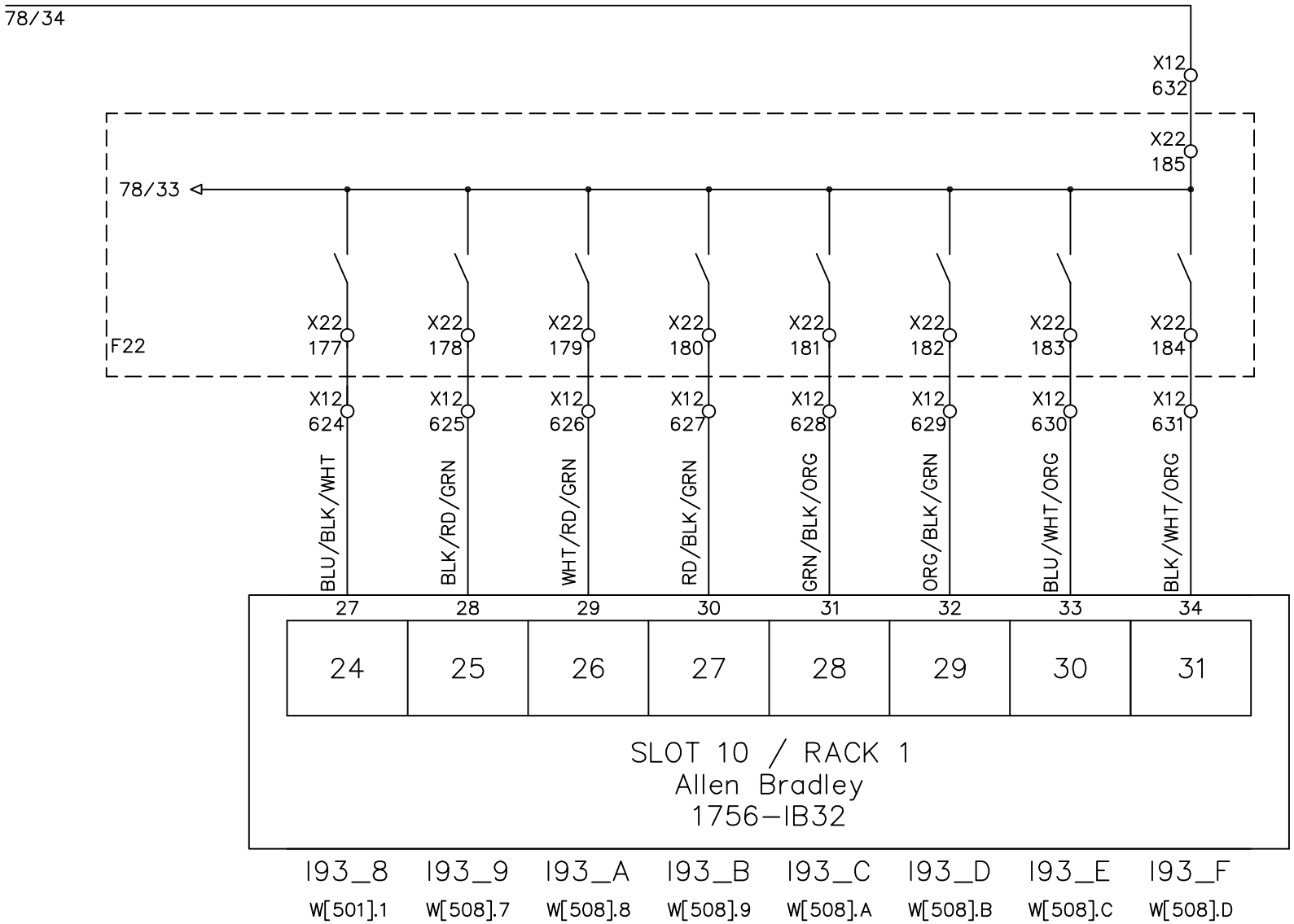
File Name : P78 slot 10 Allen Bradley 1756–IB32 rack1–3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	78	
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20			Total	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

ADAPT. SAT.EXT.2	COOLING FAN ZONE 1	COOLING FAN ZONE 2	COOLING FAN ZONE 3	COOLING FAN ZONE 4	COOLING FAN ZONE 5	COOLING FAN ZONE 6	COOLING FAN ZONE 7
H1210-30	M1210-22	M1210-23	M1210-24	M1210-25	M1210-26	M1210-27	M1210-28



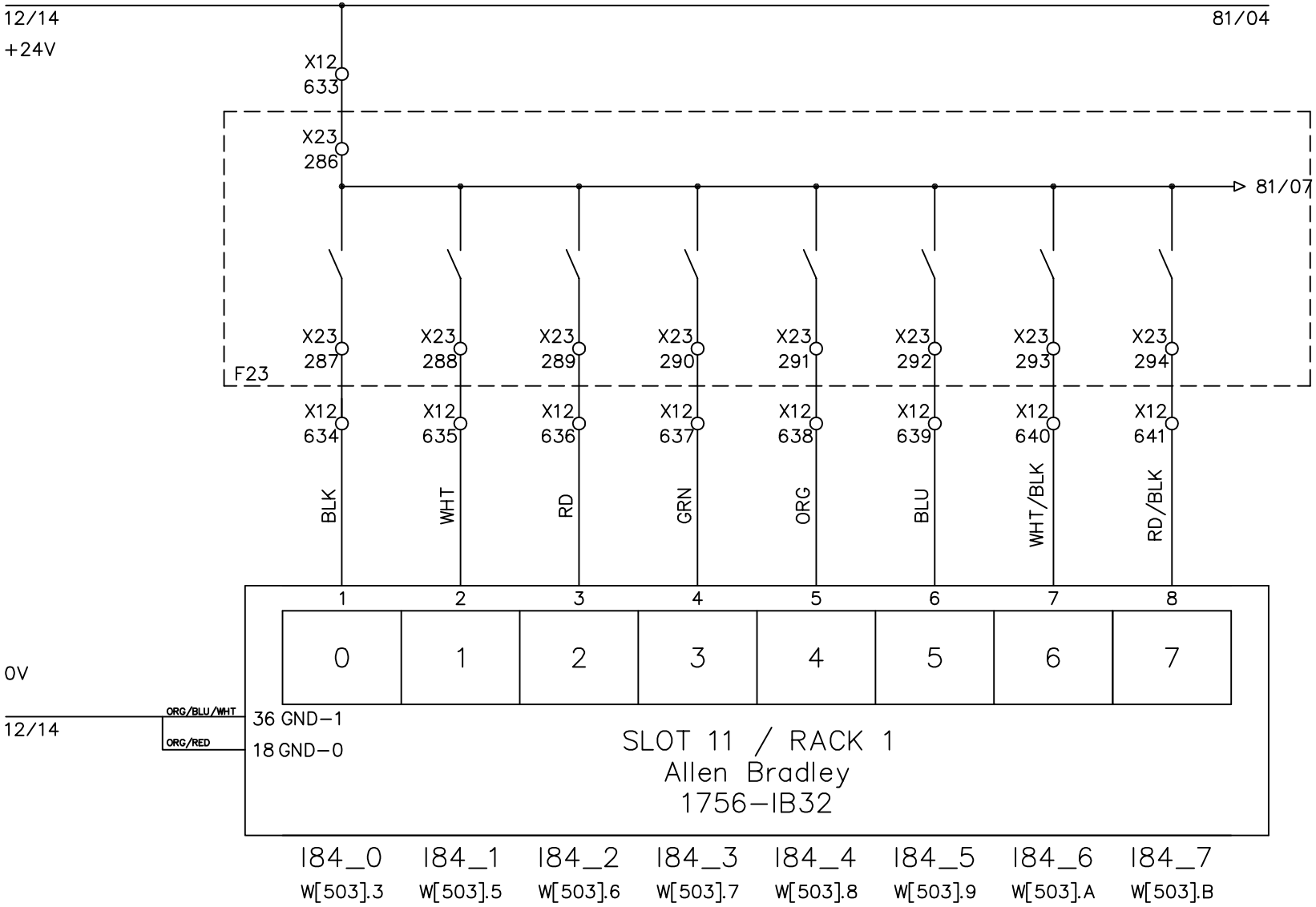
File Name : P79 slot 10 Allen Bradley 1756-IB32 rack1-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	79		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATING OF DIVERTER	DIE HEATER ZONE 1	DIE HEATER ZONE 2	DIE HEATER ZONE 3	DIE HEATER ZONE 4	DIE HEATER ZONE 5	DIE HEATER ZONE 6	DIE HEATER ZONE 7
H1250-01	H1260-01	H1260-02	H1260-03	H1260-04	H1260-05	H1260-06	H1260-07



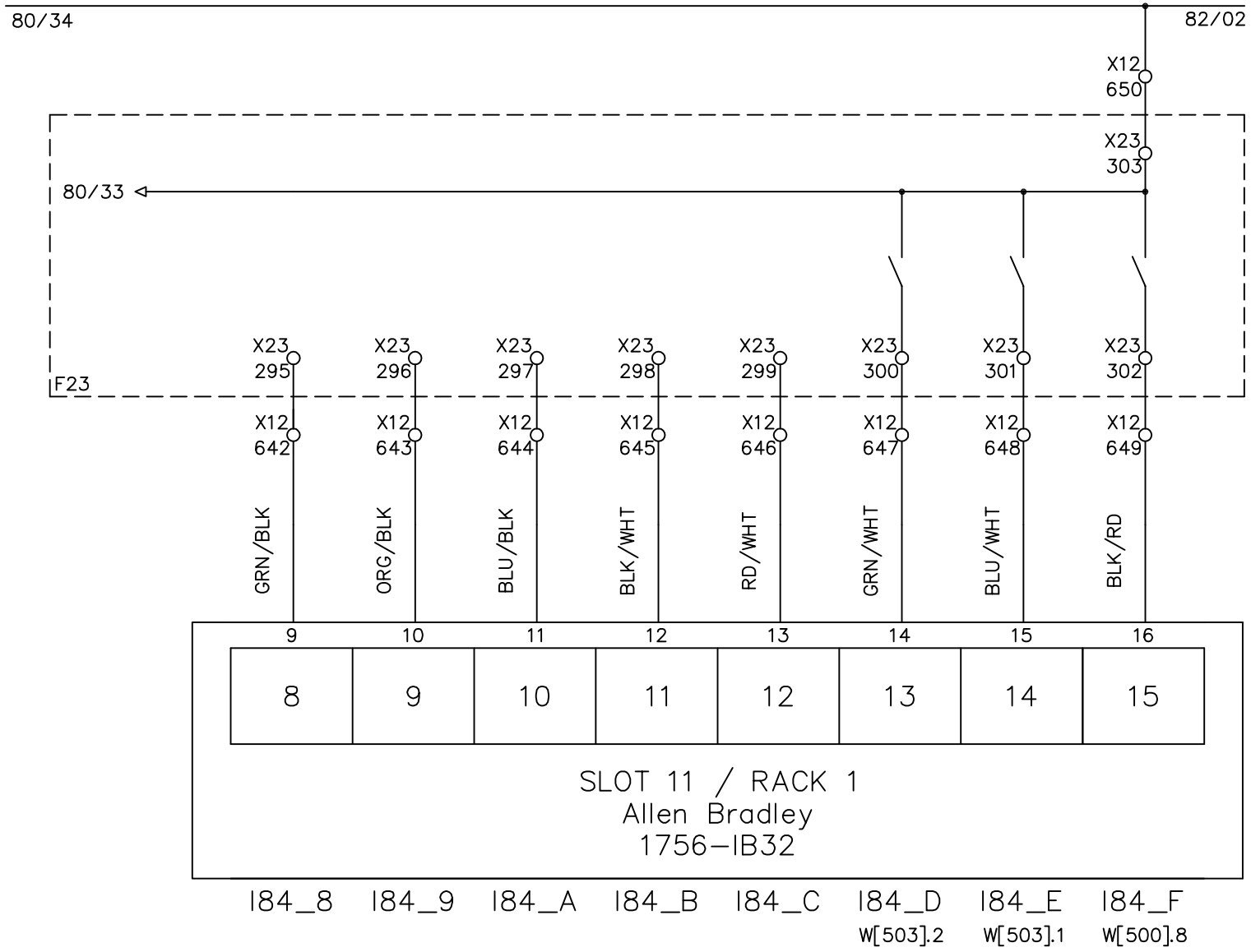
File Name : P80 slot 11 Allen Bradley 1756-IB32 rack1-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	80	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MONOLAYER ZONE1	MONOLAYER ZONE2	MONOLAYER ZONE3	FREE	FREE	STATIC MIXER HEATING	STATIC MIXR CONNECTIONS	SAT.1 HEATING FILTER
					M1251-01	M1251-02	M1232-01



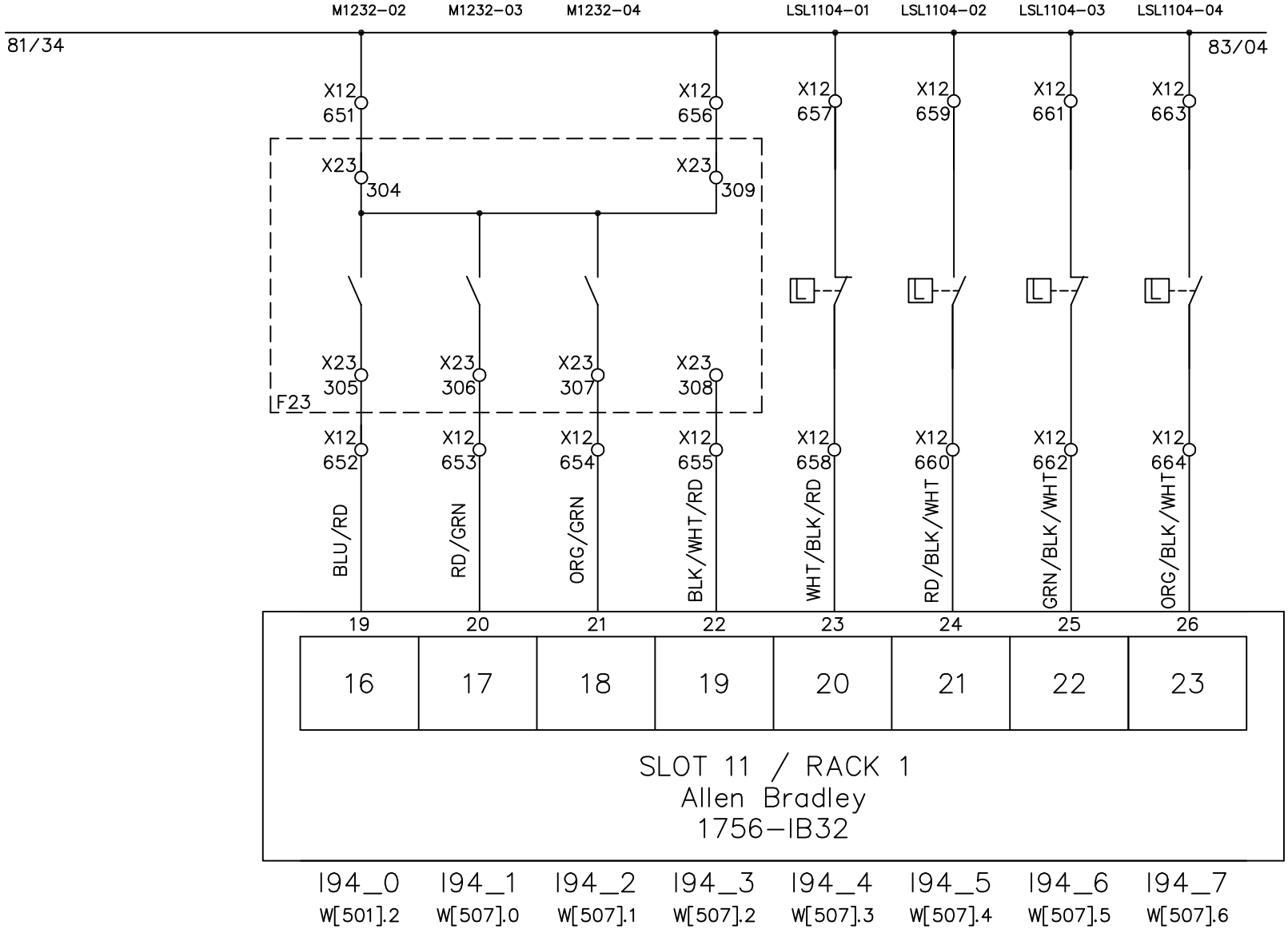
File Name : P81 slot 11 Allen Bradley 1756-IB32 rack1-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	81		
DRAWN BY	Rufus Huang	Line1 AB 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20		Total			
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT.2 HEATING FILTER	HYDRAULIC GROUP	HYDRAULIC GROUP	FREE	HOMOPOLYMER SILO LOW LEVEL	HOMOPOLYMER SILO HIGH LEVEL	RECLAIM MATERIAL LOW LEVEL	RECLAIM MATERIAL HIGH LEVEL
				DRYER		DRYER	



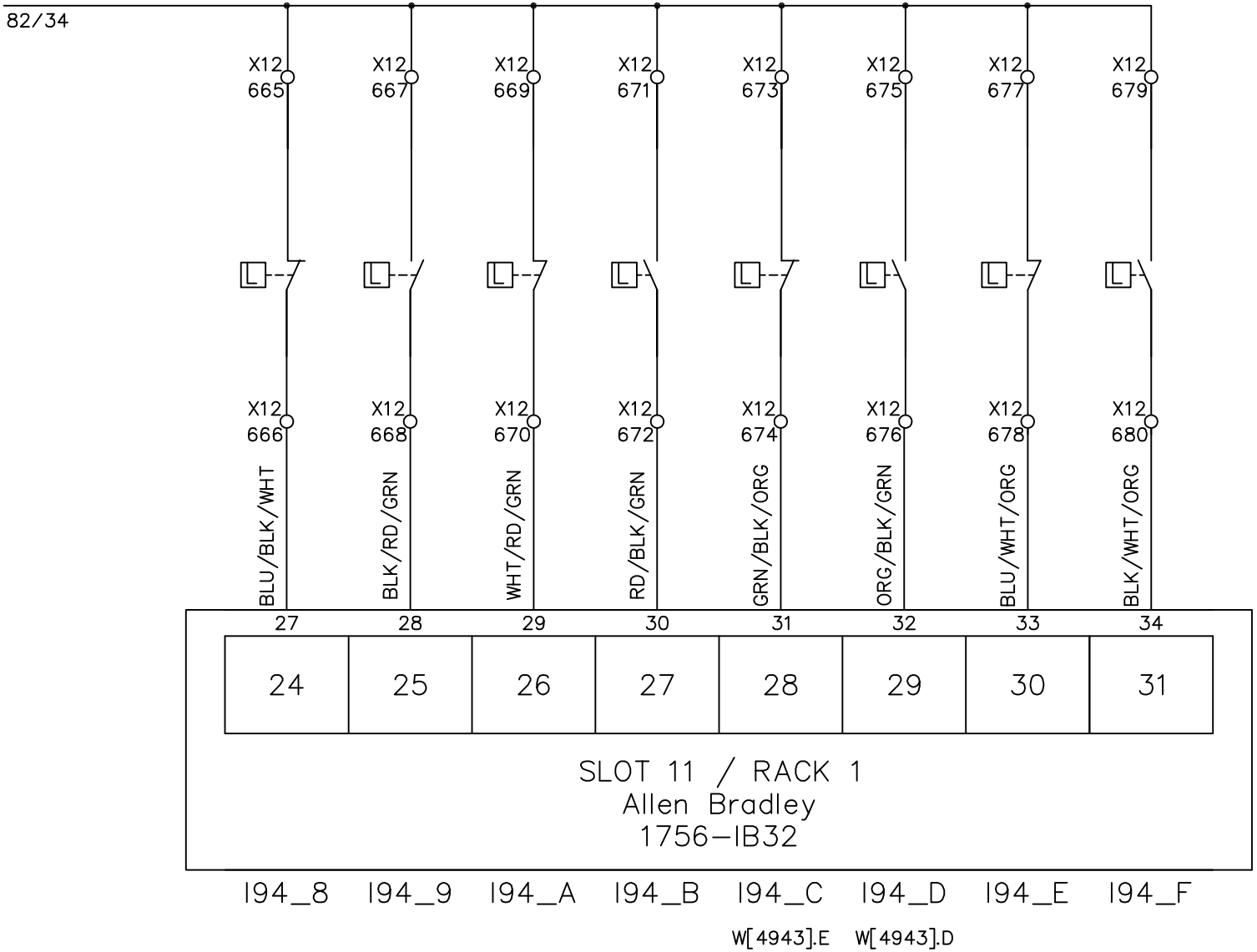
File Name : P82 slot 11 Allen Bradley 1756-IB32 rack1-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	82	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

COPOLYMER SILO	COPOLYMER SILO	SAT EXT.1 HOPPER	SAT EXT.1 HOPPER	COPOLYMER SILO	COPOLYMER SILO	SAT EXT.2 HOPPER	SAT EXT.2 HOPPER
LSH1123-01	LSH1123-02	LSL1124-01	LSH1124-02	LSH1123-03	LSH1123-02	LSL1124-03	LSH1124-04



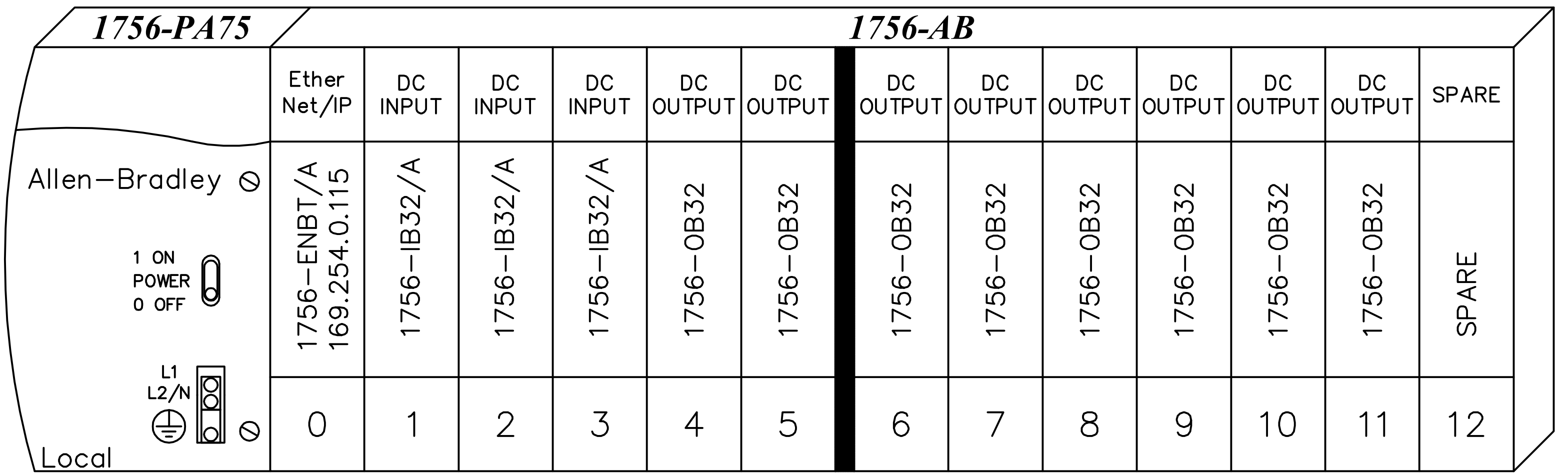
File Name : P83 slot 11 Allen Bradley 1756-IB32 rack1-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	83	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

RACK 2



REMOTE I/O

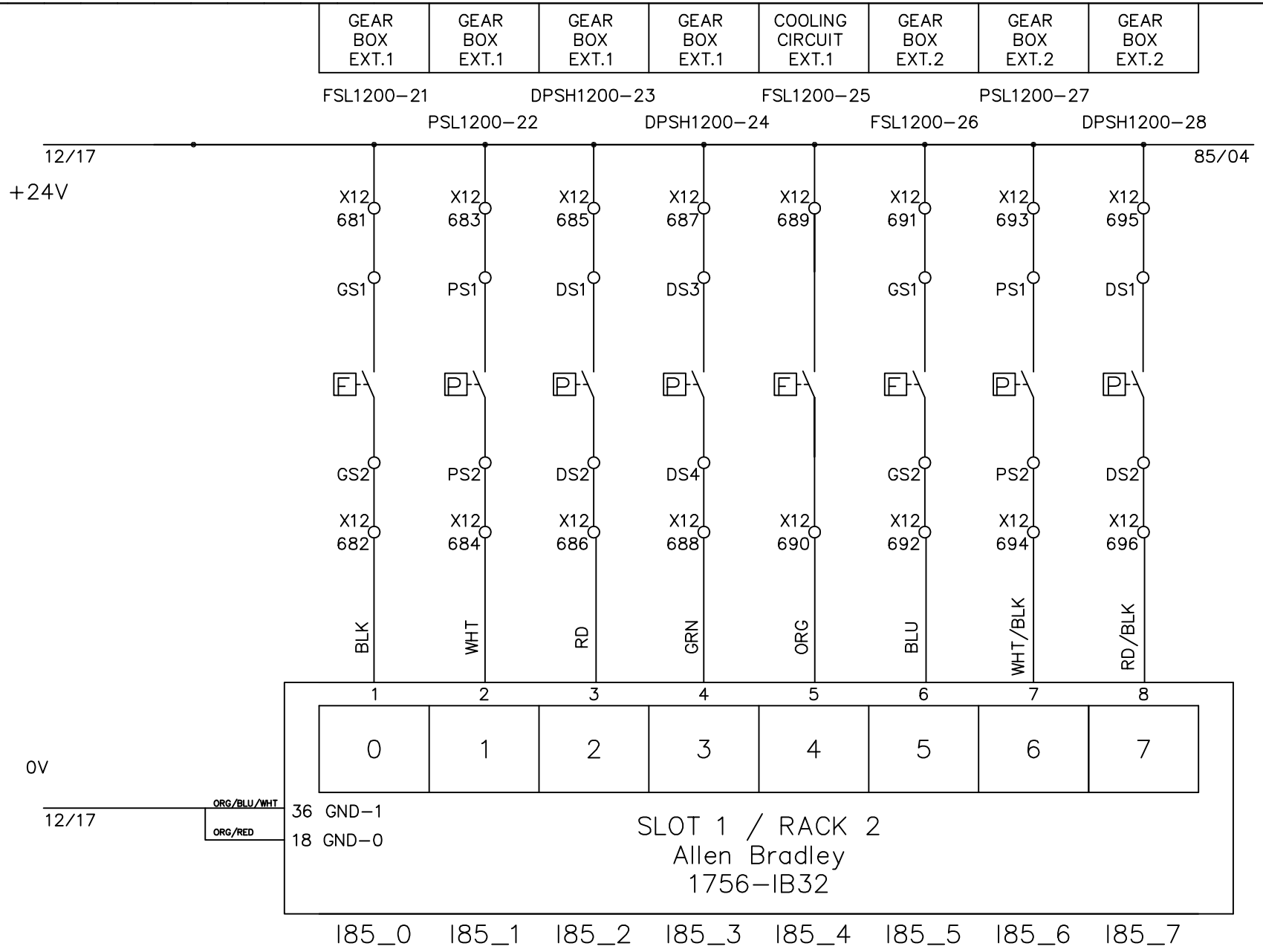
File Name : P83-84 Rack2.dwg

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 RACK 2, 1756-A13 13-SLOT CONTROL LOGIX CHASSIS					DRAWING DESCRIPTION	KF023 F12
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018

Page #	83-84		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

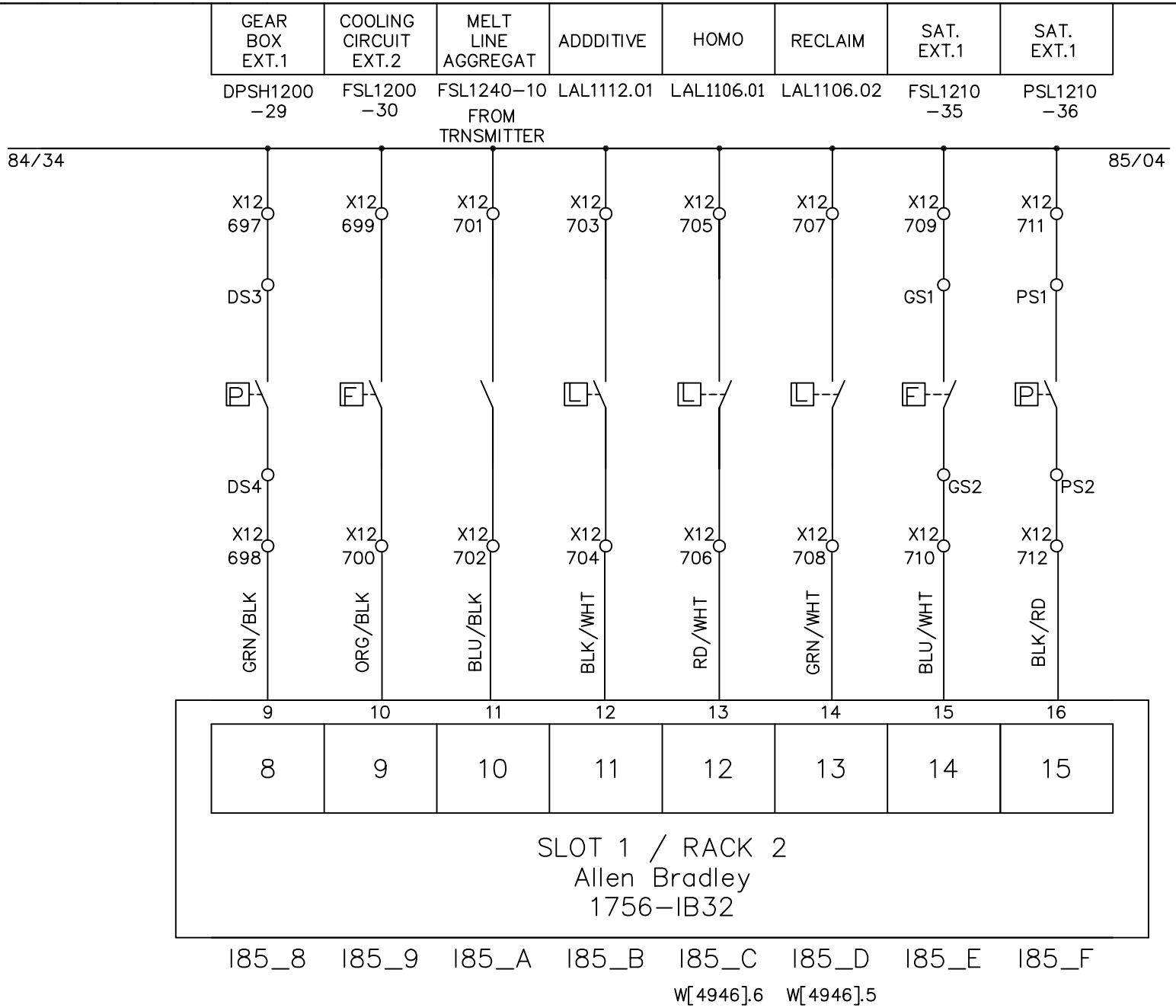


File Name : P84 slot 1 Allen Bradley 1756-IB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	84
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL INPUT						Total	
CHECKED BY	JERRY WU		2		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL
			1	Add Terminal Number	Charlie Z.	05/23/19	DRAWN DATE: 05-01-2018		SCALE NONE UNIT MM
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE			

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

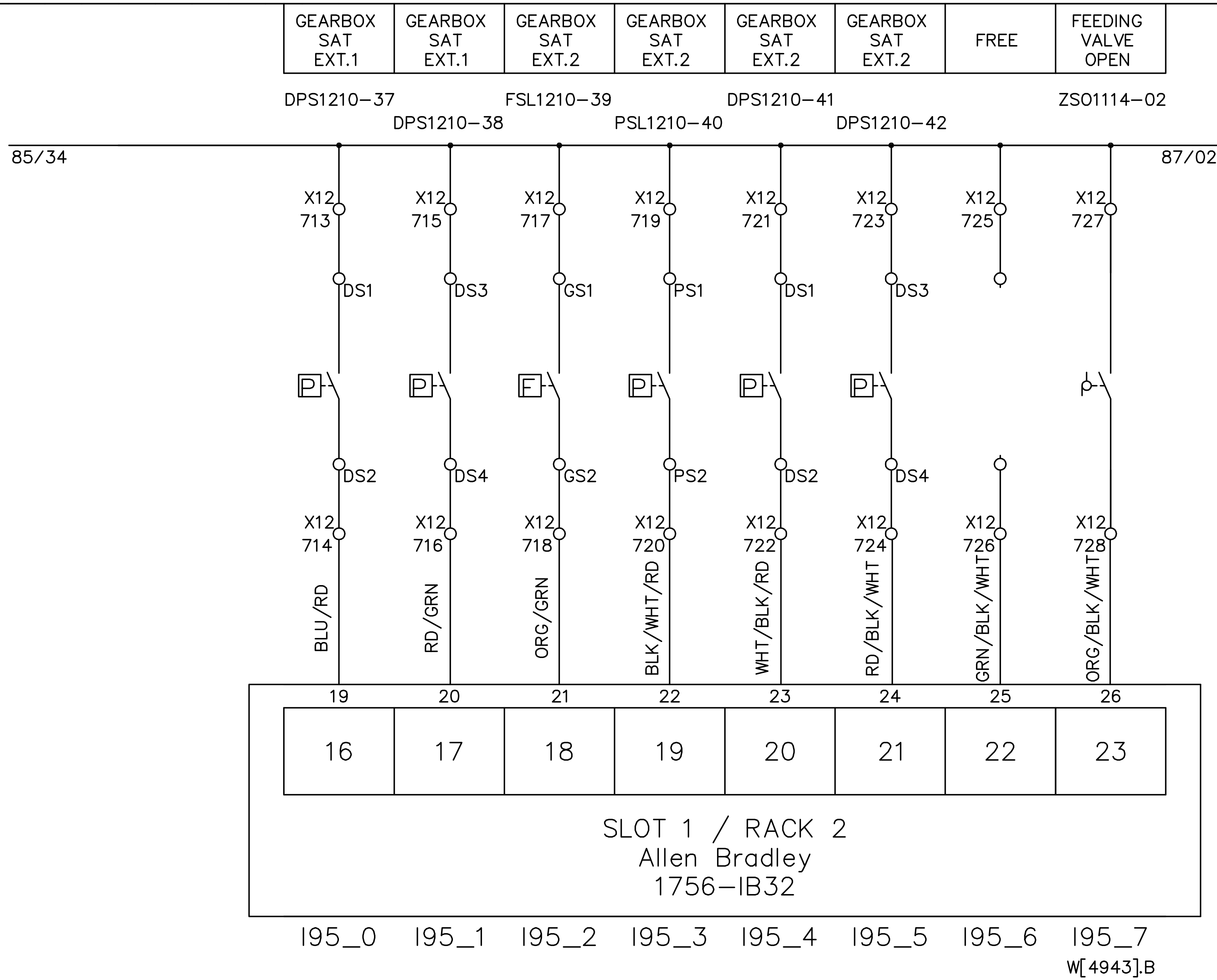


File Name : P85 slot 1 Allen Bradley 1756−IB32 rack2−2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	85
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20			Total	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05−01−2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



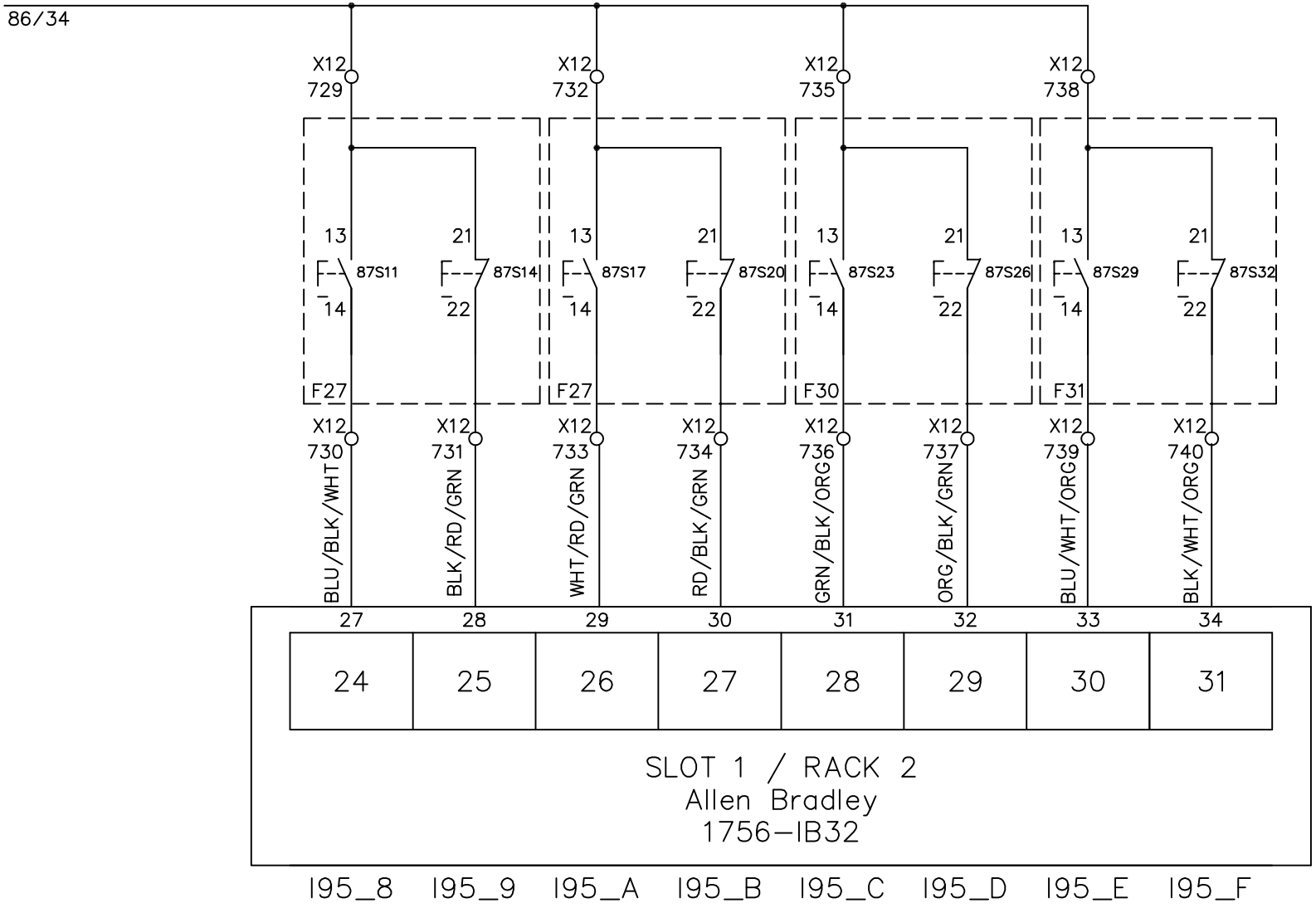
File Name : P86 slot 1 Allen Bradley 1756-IB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	86
		2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HYDR. GROUP SAT1–START	HYDR. GROUP SAT1–STOP	HYDR. GROUP SAT2–START	HYDR. GROUP SAT2–STOP	HYDR. GROUP EXT1–START	HYDR. GROUP EXT1–STOP	HYDR. GROUP EXT2–START	HYDR. GROUP EXT2–STOP



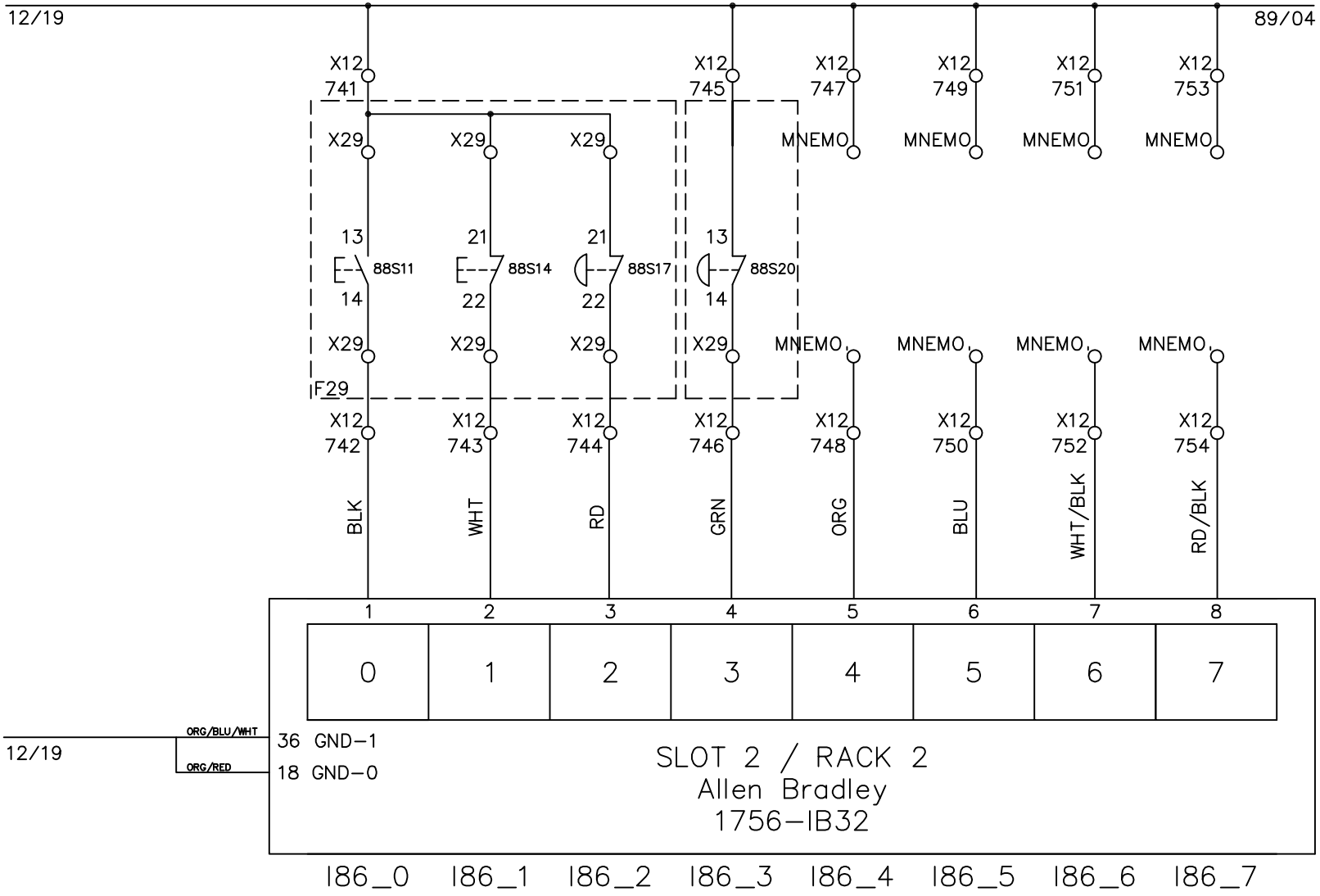
File Name : P87 slot 1 Allen Bradley 1756–IB32 rack2–4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	87	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FEEDING VALVE OPEN	FEEDING VALVE CLOSE	4 EXTRUDER STOP	MELT LINE AGGREGAT STOP	FREE	FREE	FREE	FREE

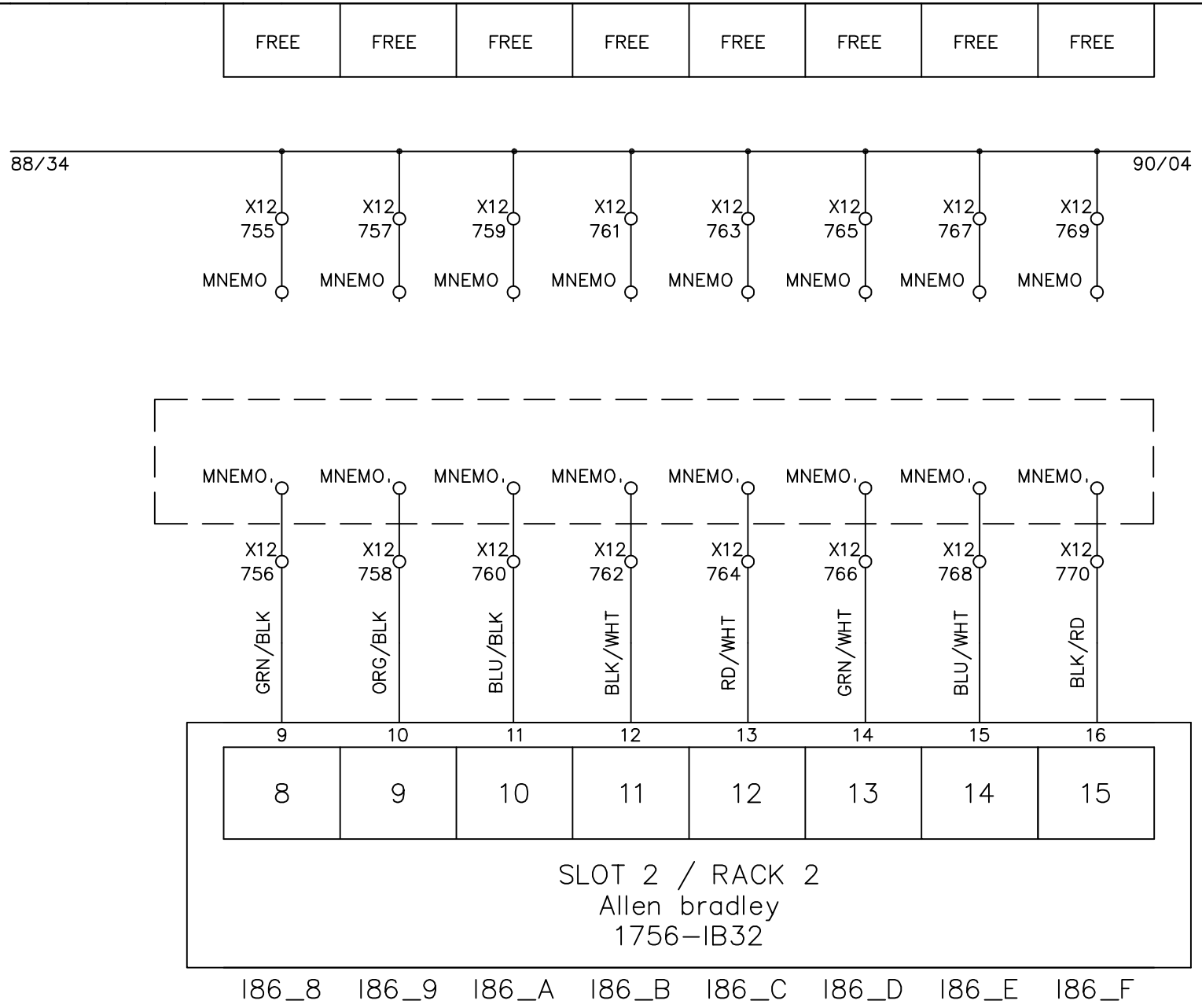


File Name : P88 slot 2 Allen Bradley 1756-IB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	88	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P89 slot 2 Allen Bradley 1756–IB32 rack2–2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	89		
DRAWN BY	Rufus Huang	Line1 AB 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20		Total			
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018		SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE

89/34 — 91/04

X12 771	X12 773	X12 775	X12 777	X12 779	X12 781	X12 783	X12 785
MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO

MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO	MNEMO
X12 772	X12 774	X12 776	X12 778	X12 780	X12 782	X12 784	X12 786
BLU/RD	RD/GRN	ORG/GRN	BLK/WHT/RD	WHT/BLK/RD	RD/BLK/WHT	GRN/BLK/WHT	ORG/BLK/WHT
19	20	21	22	23	24	25	26

16	17	18	19	20	21	22	23

SLOT 2 / RACK 2
Allen bradley
1756–IB32

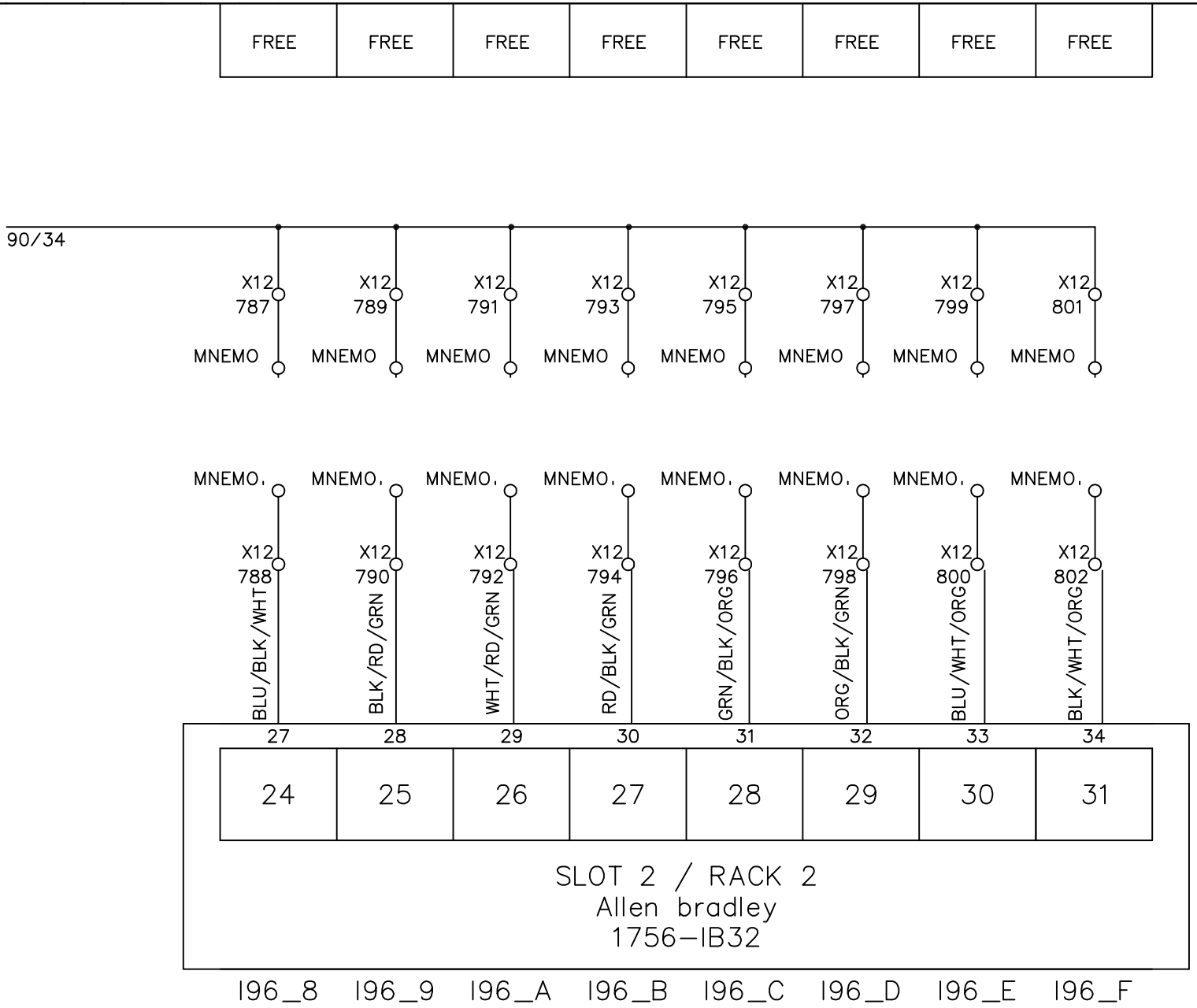
I96_0 I96_1 I96_2 I96_3 I96_4 I96_5 I96_6 I96_7

File Name : P90 slot 2 Allen Bradley 1756–IB32 rack2–3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	90
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05–01–2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



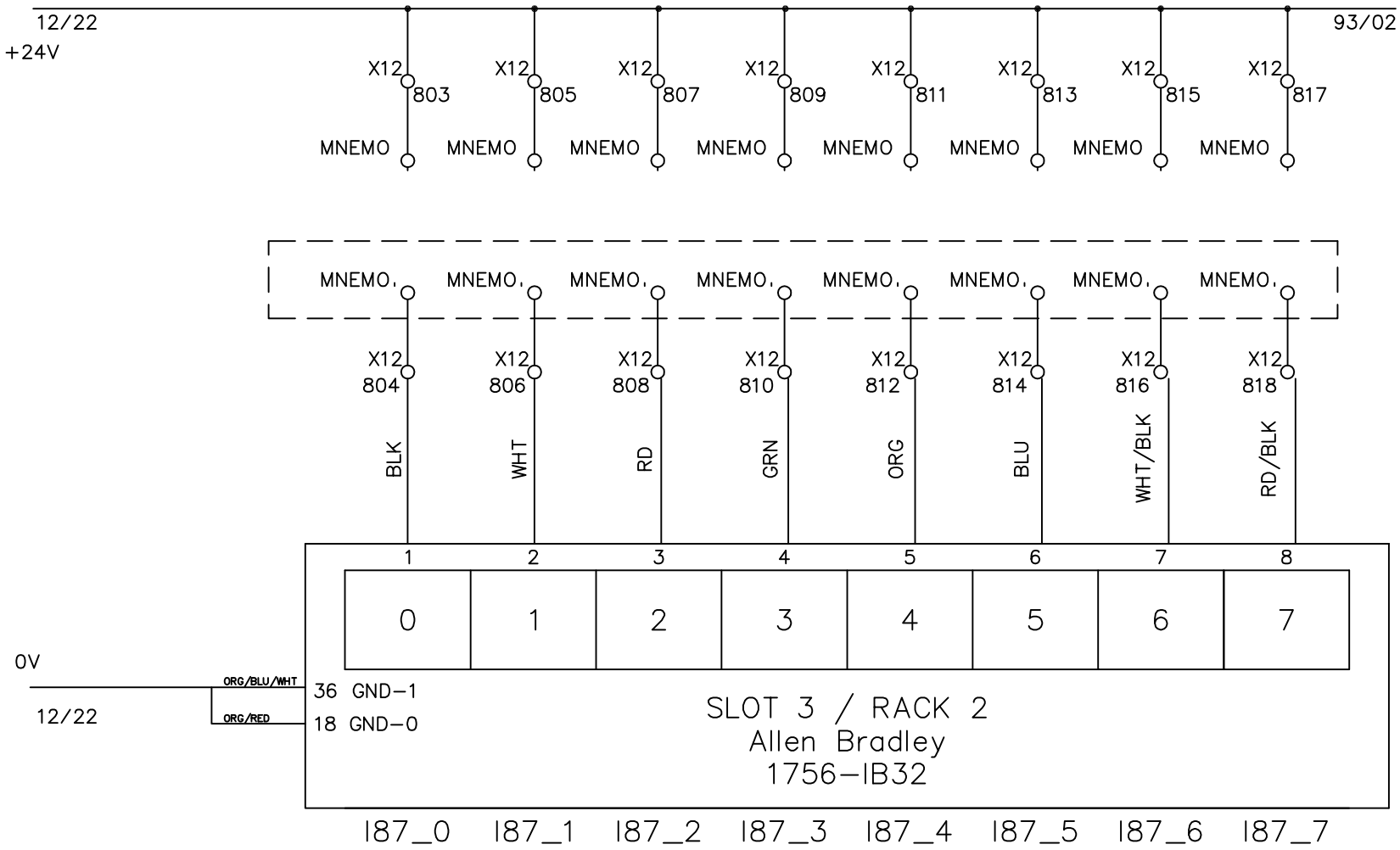
File Name : P91 slot 2 Allen Bradley 1756-IB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	91
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL INPUT	2		Edwin Lee	06/17/20			Total	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE

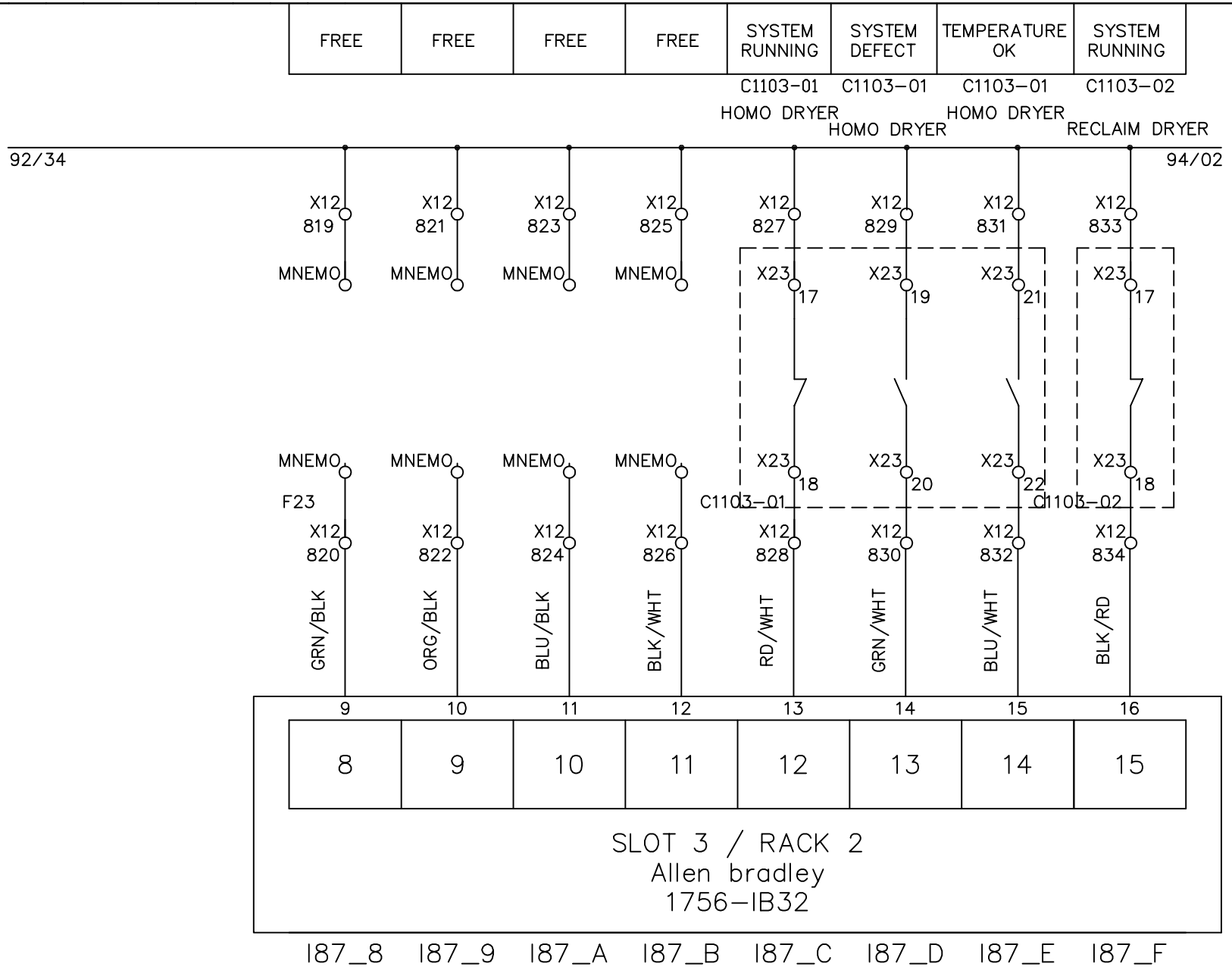


File Name : P91 slot 3 Allen Bradley 1756-IB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	92	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

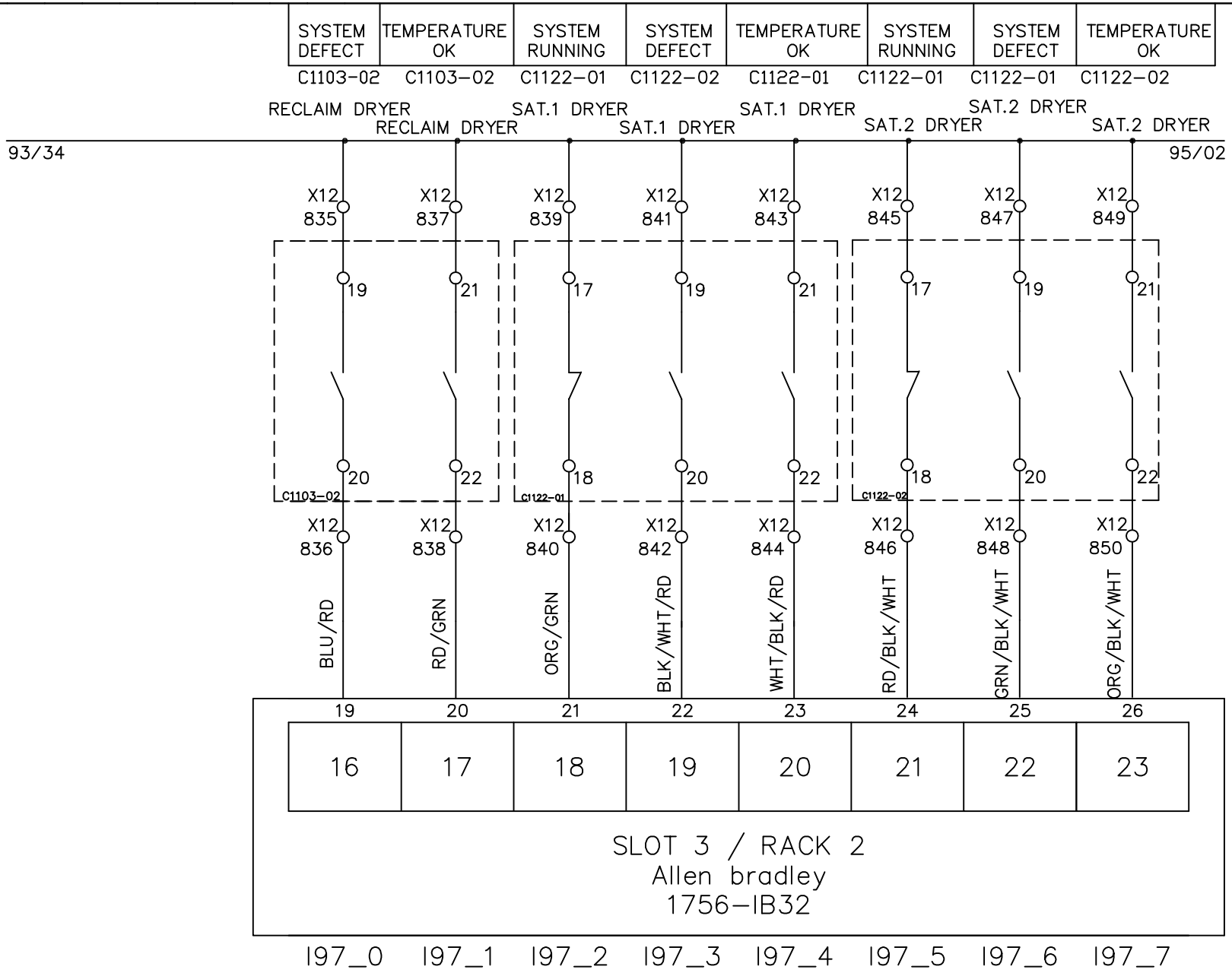


File Name : P93 slot 3 Allen Bradley 1756-IB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		32 P.L.C. DIGITAL INPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	93
DRAWN BY	Rufus Huang							Total	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z. 10/15/18	DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY: REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

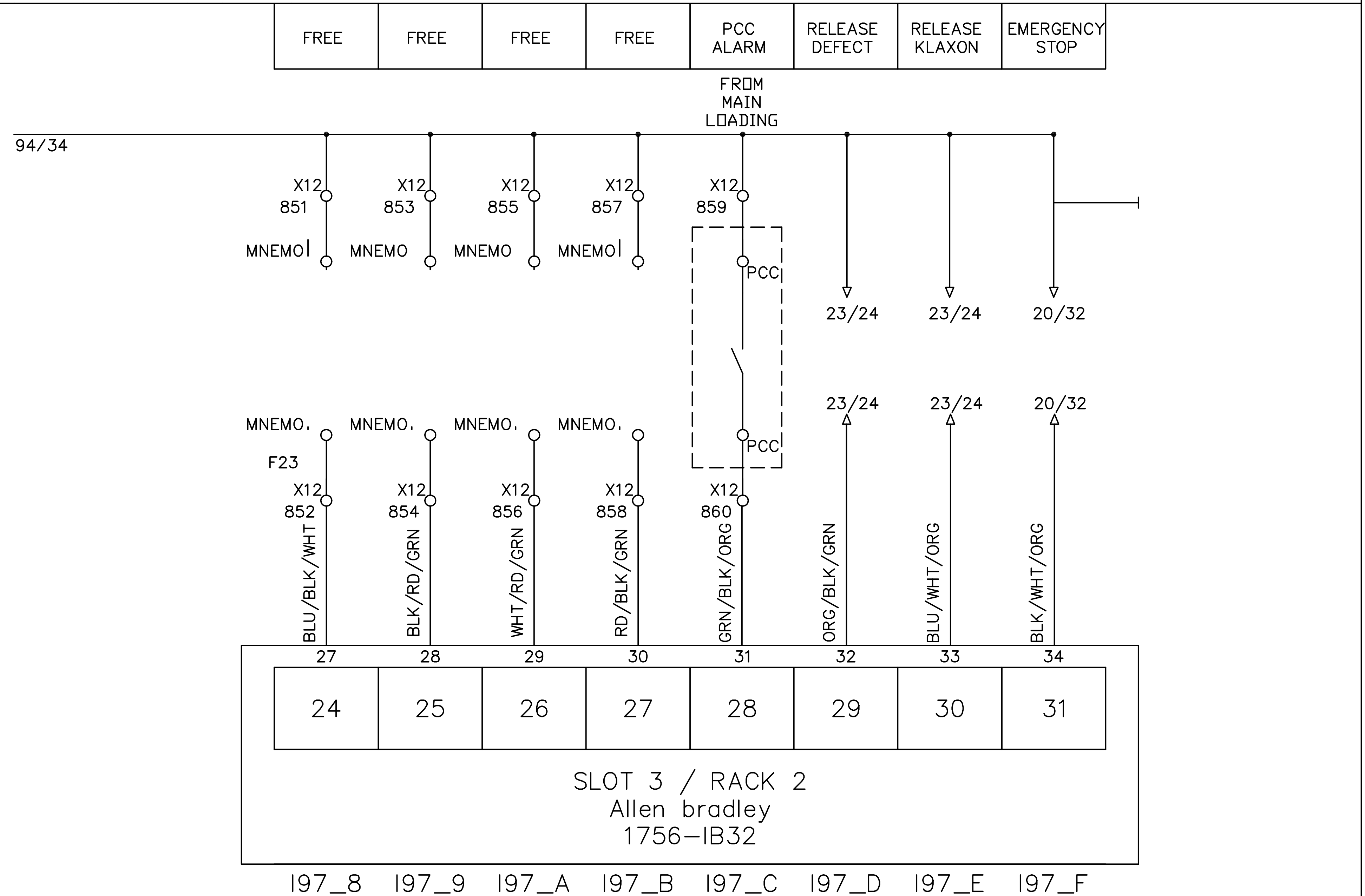


File Name : P94 slot 3 Allen Bradley 1756-IB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	94		
DRAWN BY	Rufus Huang	Line1 AB 32 P.L.C. DIGITAL INPUT						Total			
			2		Edwin Lee	06/17/20	DRAWING NO.			MATERIAL	
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	05/24/19					
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P95 slot 3 Allen Bradley 1756-IB32 rack2-4.dwg

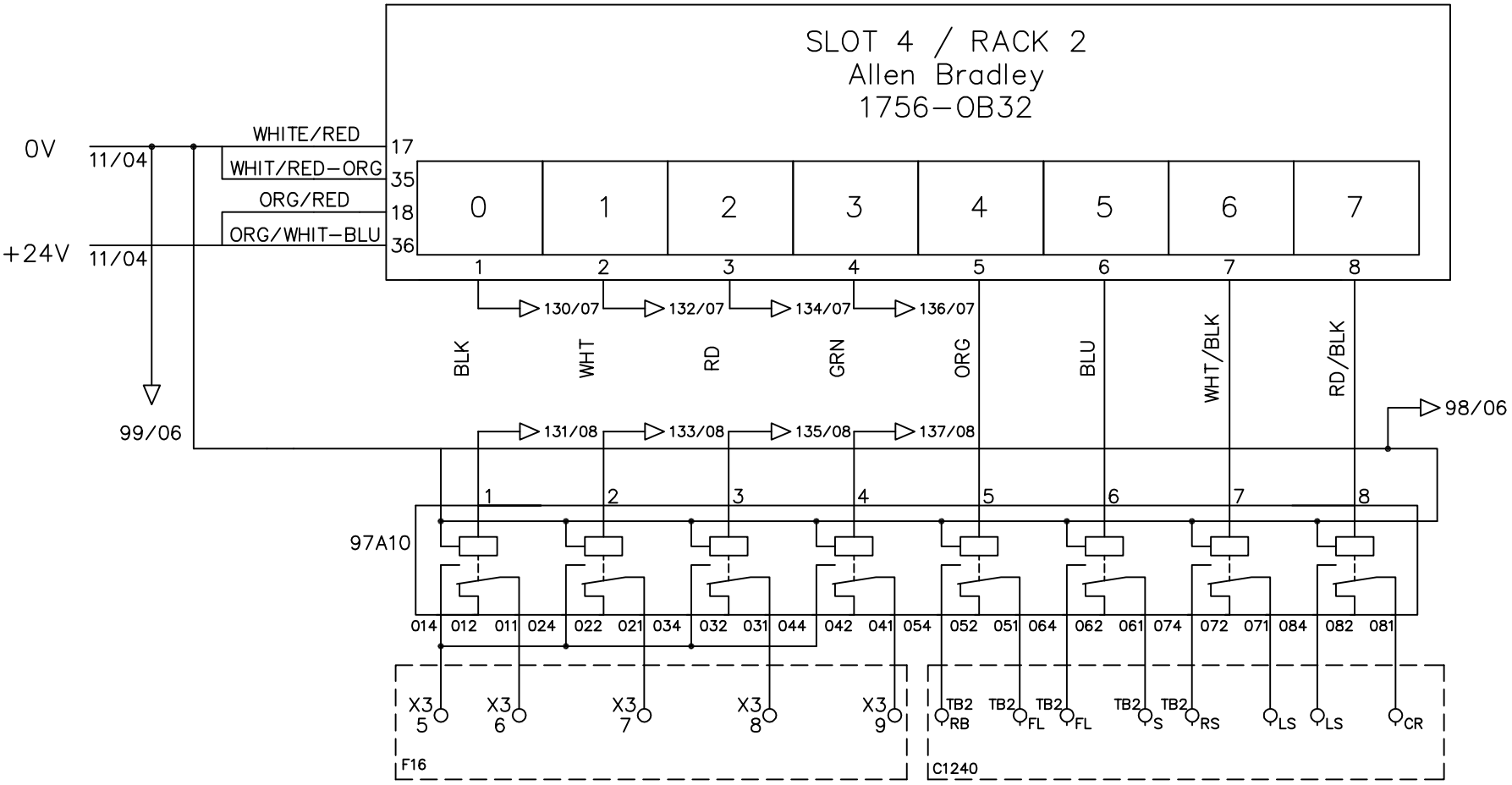
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	95
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

EXT. 1 INTERLOCK	EXT. 2 INTERLOCK	SAT. 1 INTERLOCK	SAT. 2 INTERLOCK	MELT OIL SKID PUMP INTELOCK	MELT OIL SKID PUmP START	MELT OIL SKID INTELOCK	MELT OIL SKID START
				C1240	C1240	C1240	C1240
W[4947].2	W[4947].3	W[4947].0	W[4947].1				

OA0_0 OA0_1 OA0_2 OA0_3 OA0_4 OA0_5 OA0_6 OA0_7



File Name: P97 Slot 4 Allen Bradley 1756-□B32 Rack-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	97	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	KLAXON	ROTATING LIGHT	RELEASE KLAXON	RELEASE DEFECT

W[4621].E W[4621].D

OA0_8 OA0_9 OA0_A OA0_B OA0_C OA0_D OA0_E OA0_F

SLOT 4 / RACK 2
Allen Bradley
1756-OB32

8	9	10	11	12	13	14	15

9 10 11 12 13 14 15 16

GRN/BLK ORG/BLK BLU/BLK BLK/WHT RD/WHT GRN/WHT BLU/WHT BLK/RD

97/33

9 10 11 12 13 14 15 16

97A10

094 092 091 104 102 101 114 112 111 124 122 121 134 132 131 144 142 141 154 152 151 164 162 161

MNEMO MNEMO MNEMO MNEMO MNEMO MNEMO MNEMO MNEMO

23/03 23/03 23/07 23/07 23/09 23/09 23/20 23/20

File Name: P98 slot 4 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12	Page #	98	
DRAWN BY: Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

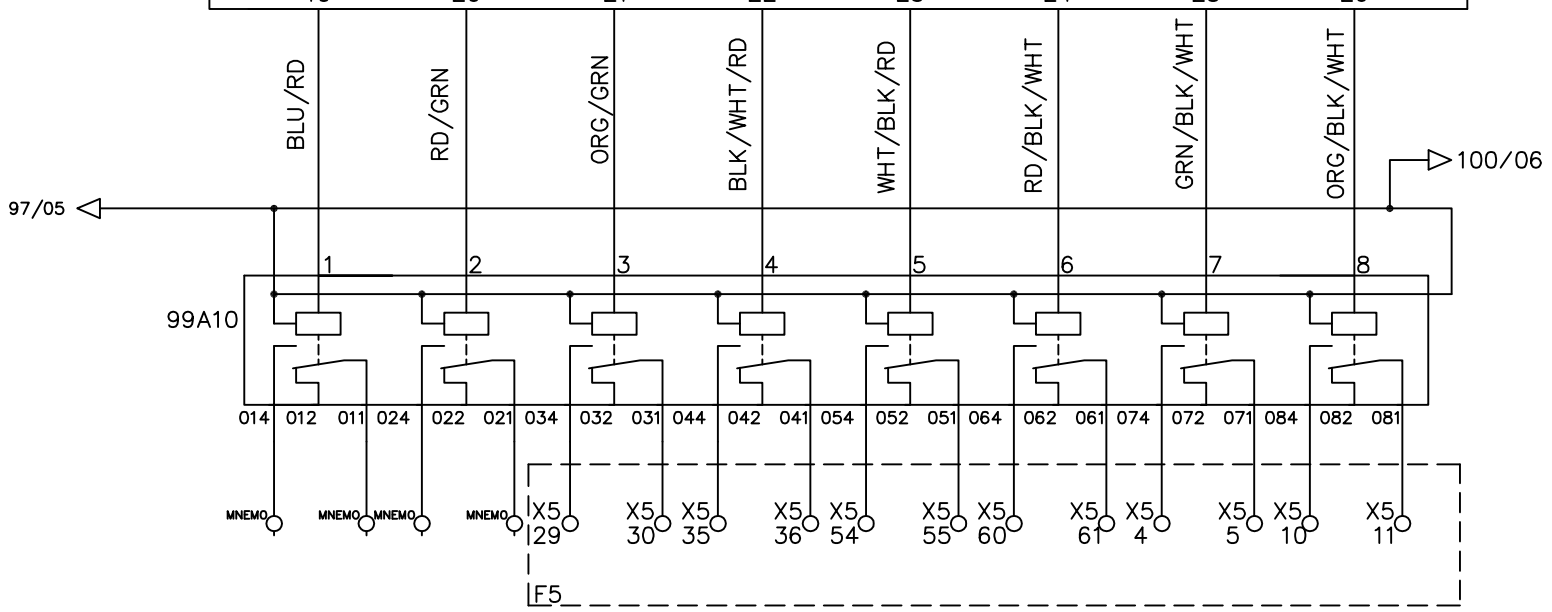
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	DRIVE INTERLOCK AUGER 2	START/STOP COMMAND AUGER 2	DRIVE INTERLOCK AUGER 3	START/STOP COMMAND AUGER 3	DRIVE INTERLOCK AUGER 1	START/STOP COMMAND AUGER 1
		M1106-01	M1106-01	M1106-02	M1106-02	M1112-01	M1112-01
			W[4925].3		W[4925].2		W[4925].4

OB0_0 OB0_1 OB0_2 OB0_3 OB0_4 OB0_5 OB0_6 OB0_7

SLOT 4 / RACK 2
Allen Bradley
1756-OB32

16	17	18	19	20	21	22	23

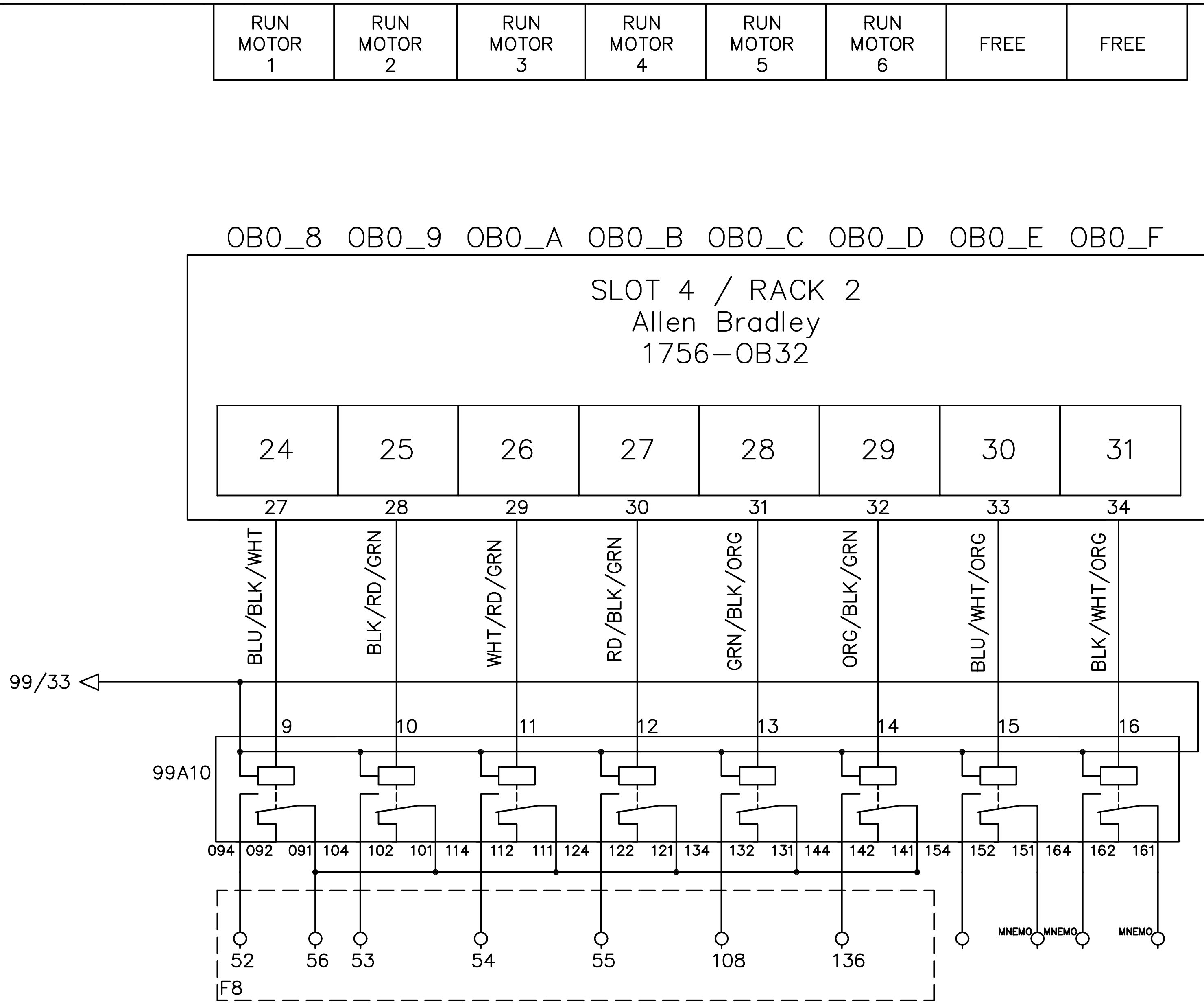


File Name : P99 slot 4 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	99	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

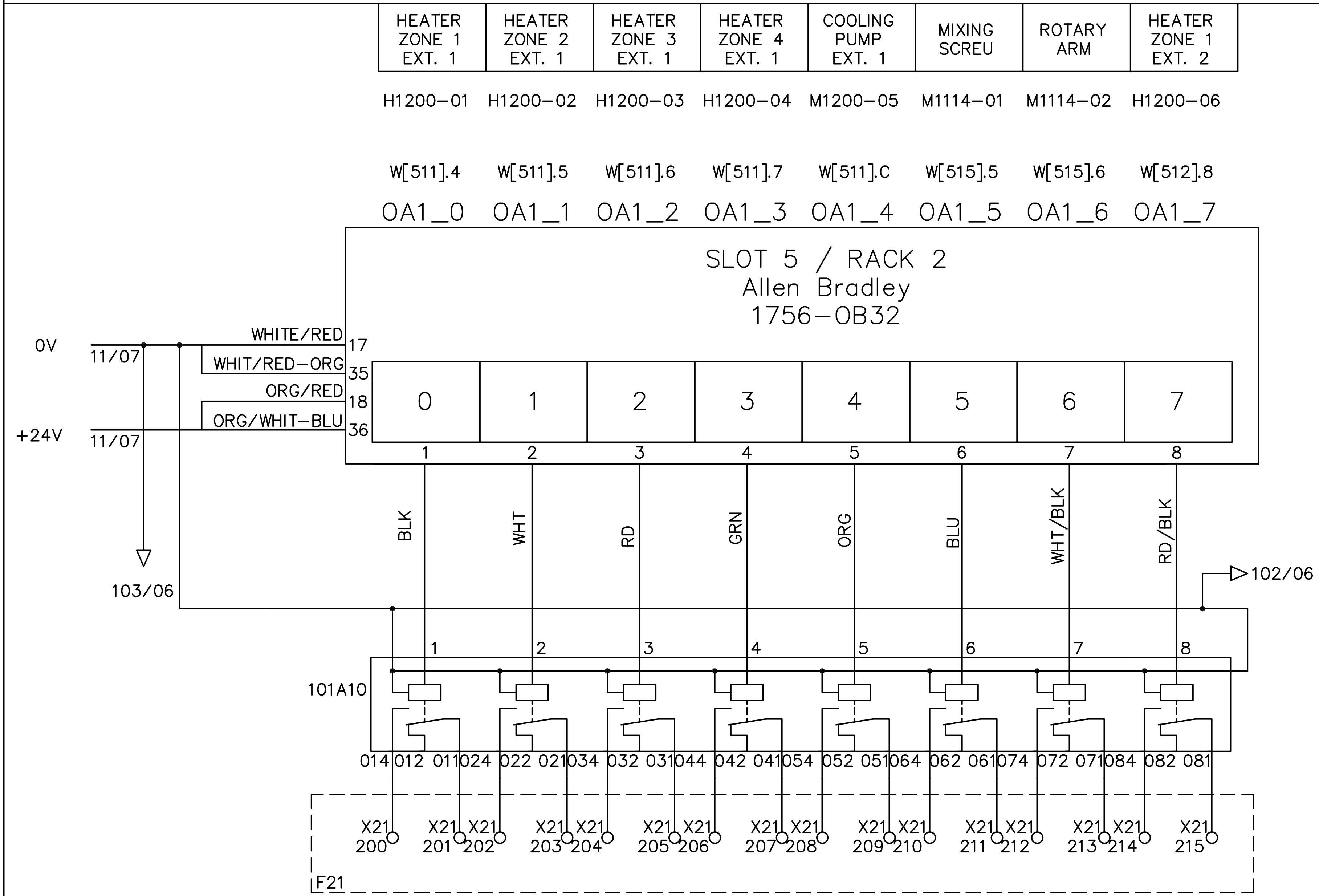


File Name : P100 slot 4 Allen Bradley 1756-OB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	100
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

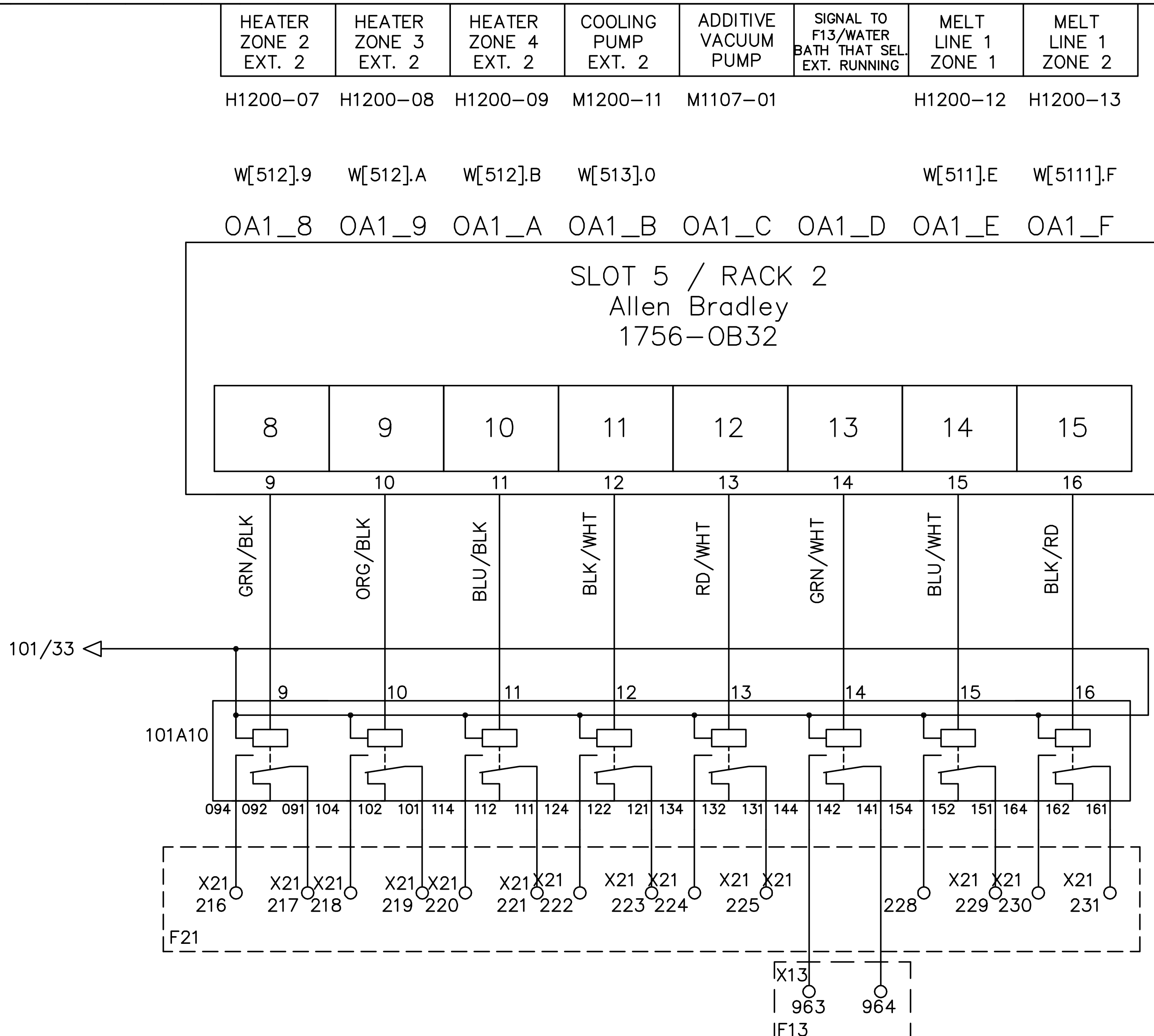


File Name: P101 slot 5 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page # 101
		2		Edwin Lee	06/17/20			Total
DRAWN BY: Rufus Huang		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
CHECKED BY: JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



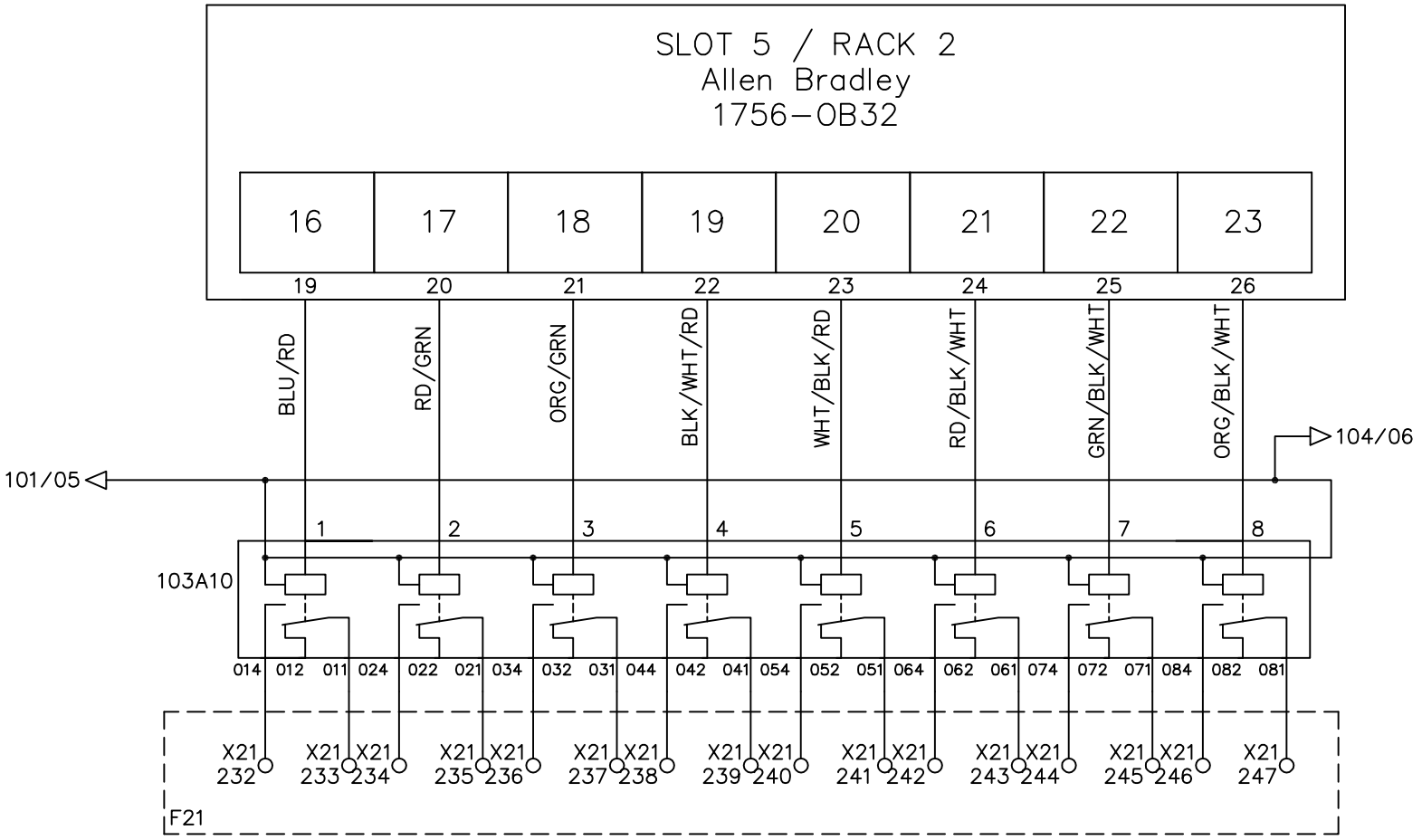
File Name : P102 slot 5 Allen Bradley 1756-0B32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page # 102
			2		Edwin Lee	06/17/20			Total
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
CHECKED BY	Jerry Wu		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

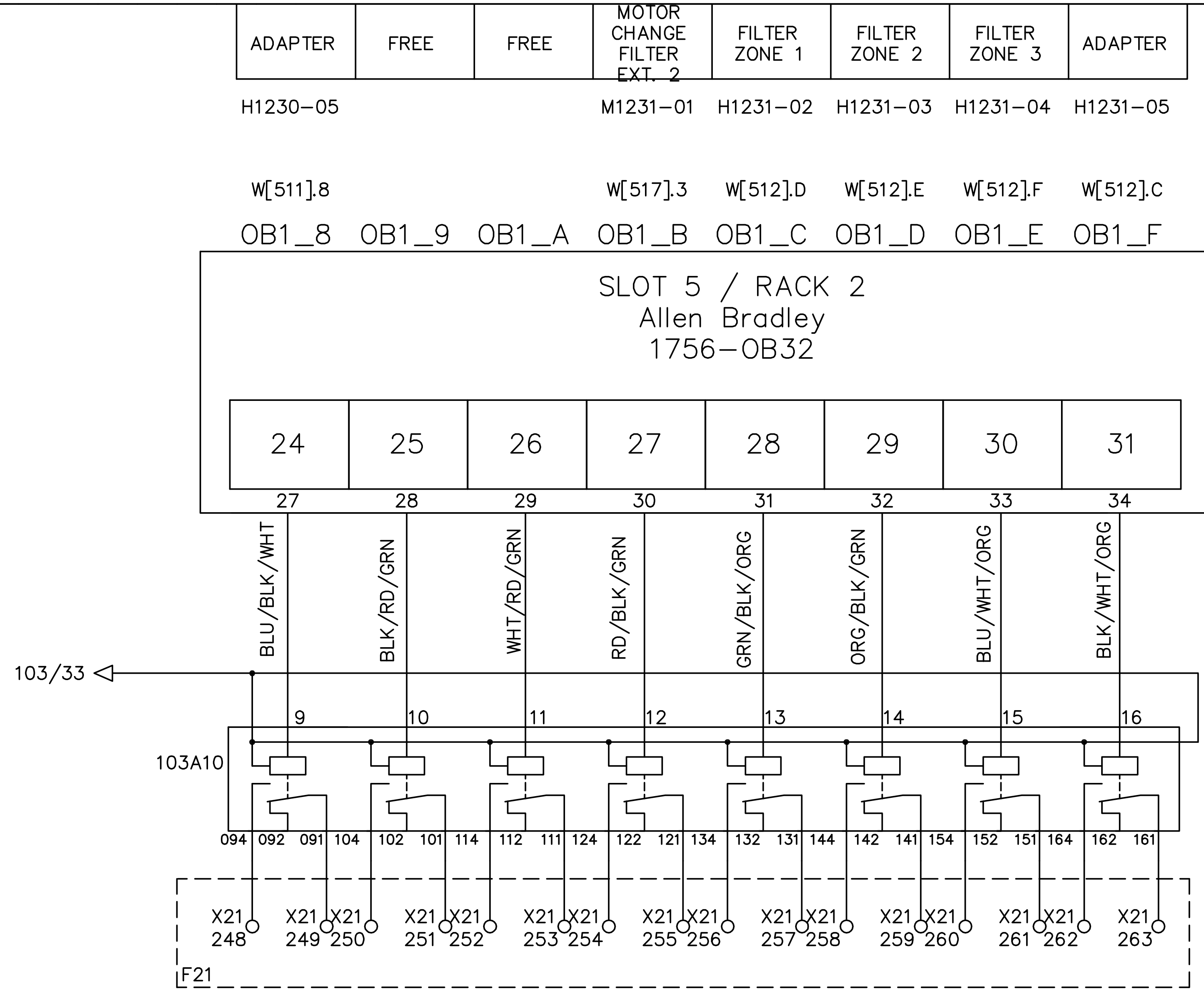
MELT LINE 1 ZONE 3	MELT LINE 1 ZONE 4	FREE	FREE	MOTOR CHANGE FILTER EXT. 1	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3
H1200–14	H1200–15			M1230–01	H1230–02	H1230–03	H1230–04
W[512].0	W[512].1			W[517].2	W[511].9	W[511].A	W[511].B
OB1_0	OB1_1	OB1_2	OB1_3	OB1_4	OB1_5	OB1_6	OB1_7



File Name : P103 slot 5 Allen Bradley 1756–OB32 rack2–3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

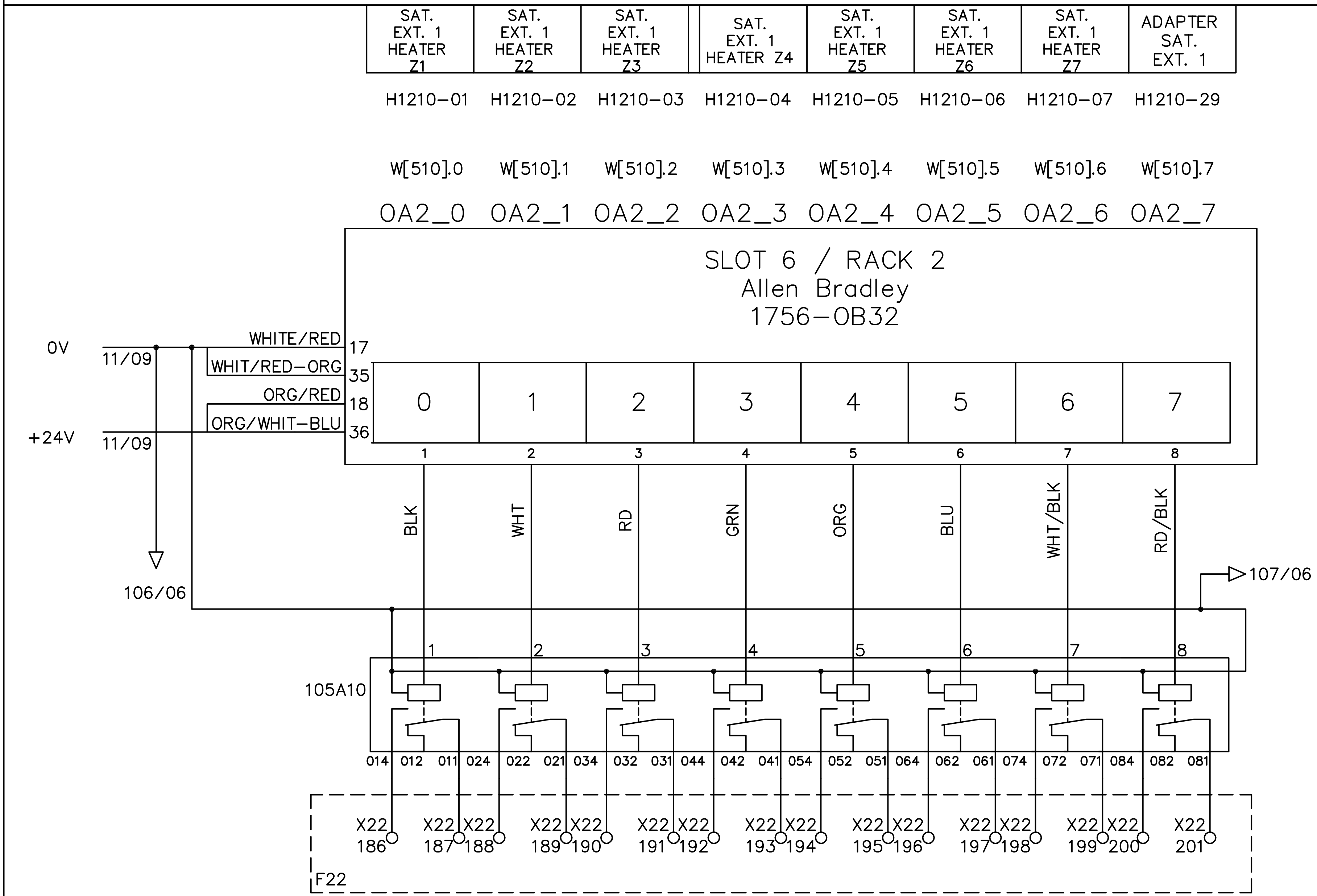
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	103	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM



File Name : P104 slot 5 Allen Bradley 1756-OB32 rack2-4.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	104
		2		Edwin Lee	06/17/20			Total	
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P105 slot 6 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	105
		2		Edwin Lee	06/17/20			Total	
DRAWN BY: Rufus Huang		1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL	
CHECKED BY: JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

COOLING FAN Z1	COOLING FAN Z2	COOLING FAN Z3	COOLING FAN Z4	COOLING FAN Z5	COOLING FAN Z6	COOLING FAN Z7	FREE
H1210–08	H1210–09	H1210–10	H1210–11	H1210–12	H1210–13	H1210–14	

W[518].0 W[518].1 W[518].2 W[518].3 W[518].4 W[518].5 W[518].6

OA2_8 OA2_9 OA2_A OA2_B OA2_C OA2_D OA2_E OA2_F

SLOT 6 / RACK 2
Allen Bradley
1756–OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16

GRN/BLK ORG/BLK BLU/BLK BLK/WHT RD/WHT GRN/WHT BLU/WHT BLK/RD

105/05

9 10 11 12 13 14 15 16

105A10

094 092 091 104 102 101 114 112 111 124 122 121 134 132 131 144 142 141 154 152 151 164 162 161

X22 202 X22 203 X22 204 X22 205 X22 206 X22 207 X22 208 X22 209 X22 210 X22 211 X22 212 X22 213 X22 214 X22 215 X22 216 X22 217

F22

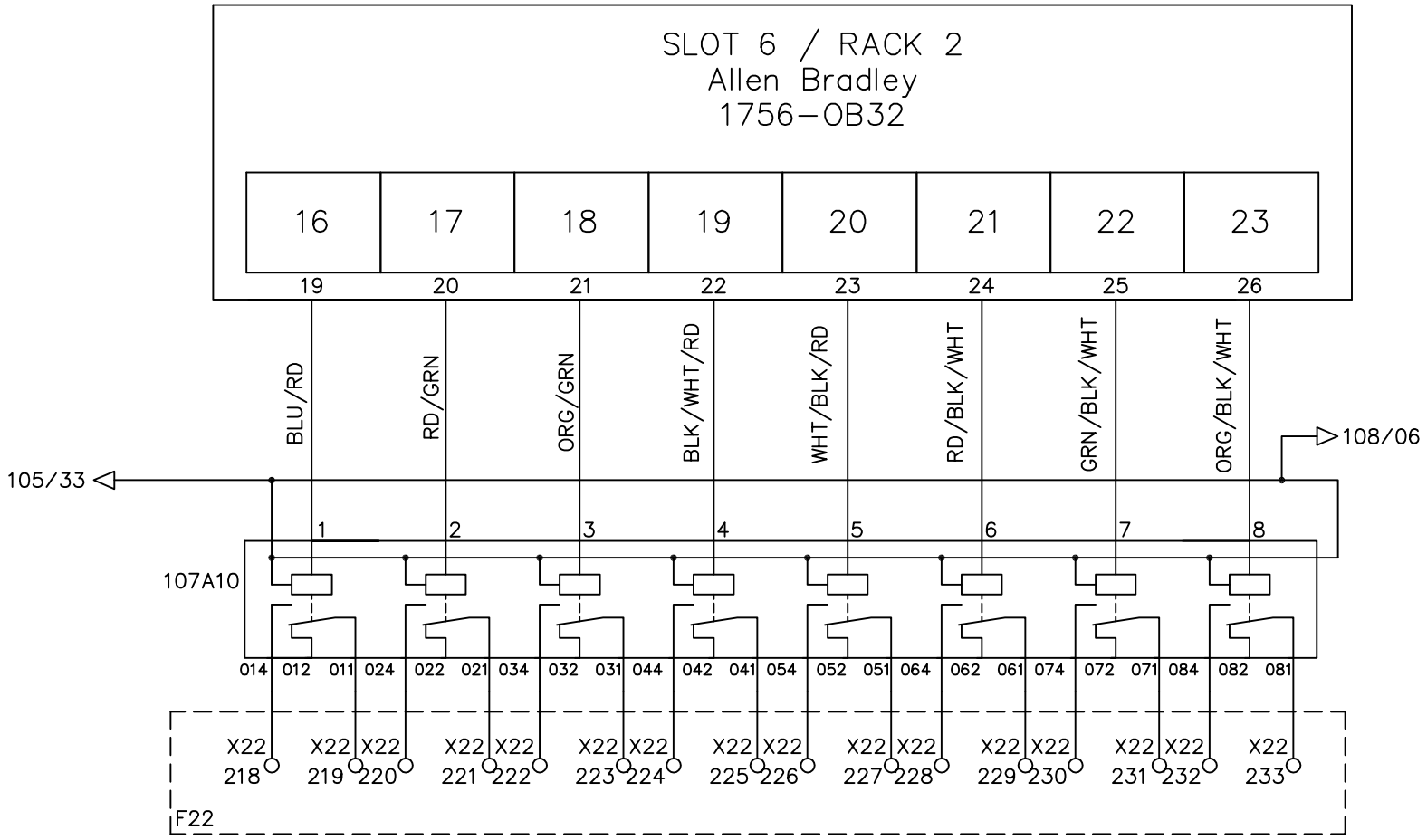
File Name : P106 slot 6 Allen Bradley 1756–OB32 rack2–2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12	Page #	106	
DRAWN BY Perrick Hsiao		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 03–23–2015	SCALE NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	SAT.EXT. 1 HEATER Z1	SAT.EXT. 1 HEATER Z2	SAT.EXT. 1 HEATER Z3	SAT. EXT. 1 HEATER Z4	SAT. EXT. 1 HEATER Z5	SAT. EXT. 1 HEATER Z6	SAT. EXT. 1 HEATER Z7
	H1210–15	H1210–16	H1210–17	H1210–18	H1210–19	H1210–20	H1210–21
	W[510].A	W[510].B	W[510].C	W[510].D	W[510].E	W[510].F	W[511].0
	OB2_0	OB2_1	OB2_2	OB2_3	OB2_4	OB2_5	OB2_6	OB2_7



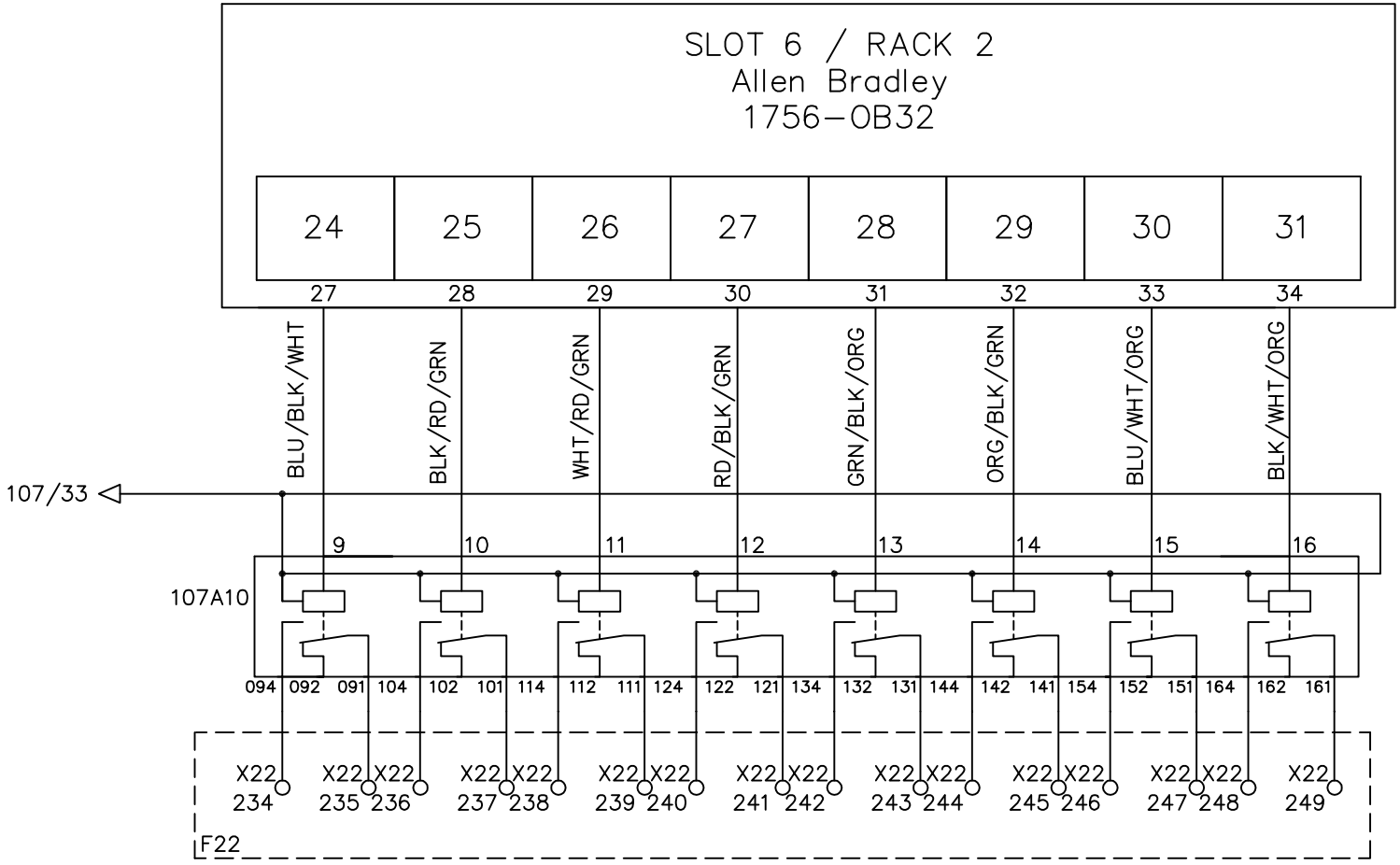
File Name : P107 slot 6 Allen Bradley 1756–OB32 Rack2–3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	107	
DRAWN BY	Perrick Hsiao		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03–23–2015	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

ADAPTER SAT. EXT. 2	COOLING FAN Z1	COOLING FAN Z2	COOLING FAN Z3	COOLING FAN Z4	COOLING FAN Z5	COOLING FAN Z6	COOLING FAN Z7
H1210−30	M1210−22	M1210−23	M1210−24	M1210−25	M1210−26	M1210−27	M1210−28
W[511].1	W[518].7	W[518].8	W[518].9	W[518].A	W[518].B	W[518].C	W[518].D
OB2_8	OB2_9	OB2_A	OB2_B	OB2_C	OB2_D	OB2_E	OB2_F



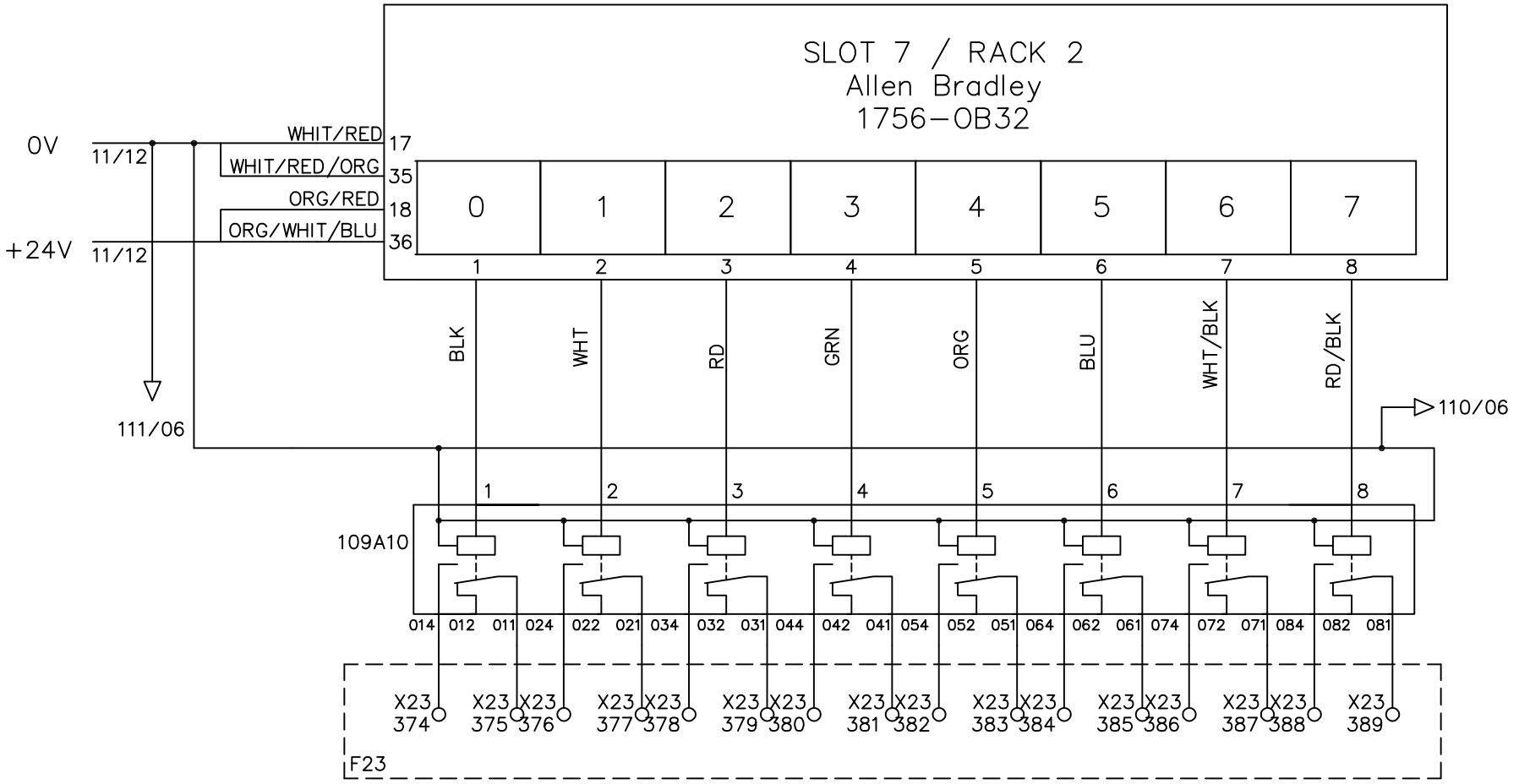
File Name : P108 slot 6 Allen Bradley 1756−OB32 rack2−4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	108	
DRAWN BY	Perrick Hsiao		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03−23−2015	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATING OF DIVERTER	DIE HEATER Z1	DIE HEATER Z2	DIE HEATER Z3	DIE HEATER Z4	DIE HEATER Z5	DIE HEATER Z6	DIE HEATER Z7
H1250-01	H1260-01	H1260-02	H1260-03	H1260-04	H1260-05	H1260-06	H1260-07
W[513].3	W[513].5	W[513].6	W[513].7	W[513].8	W[513].9	W[513].A	W[513].B
OA3_0	OA3_1	OA3_2	OA3_3	OA3_4	OA3_5	OA3_6	OA3_7

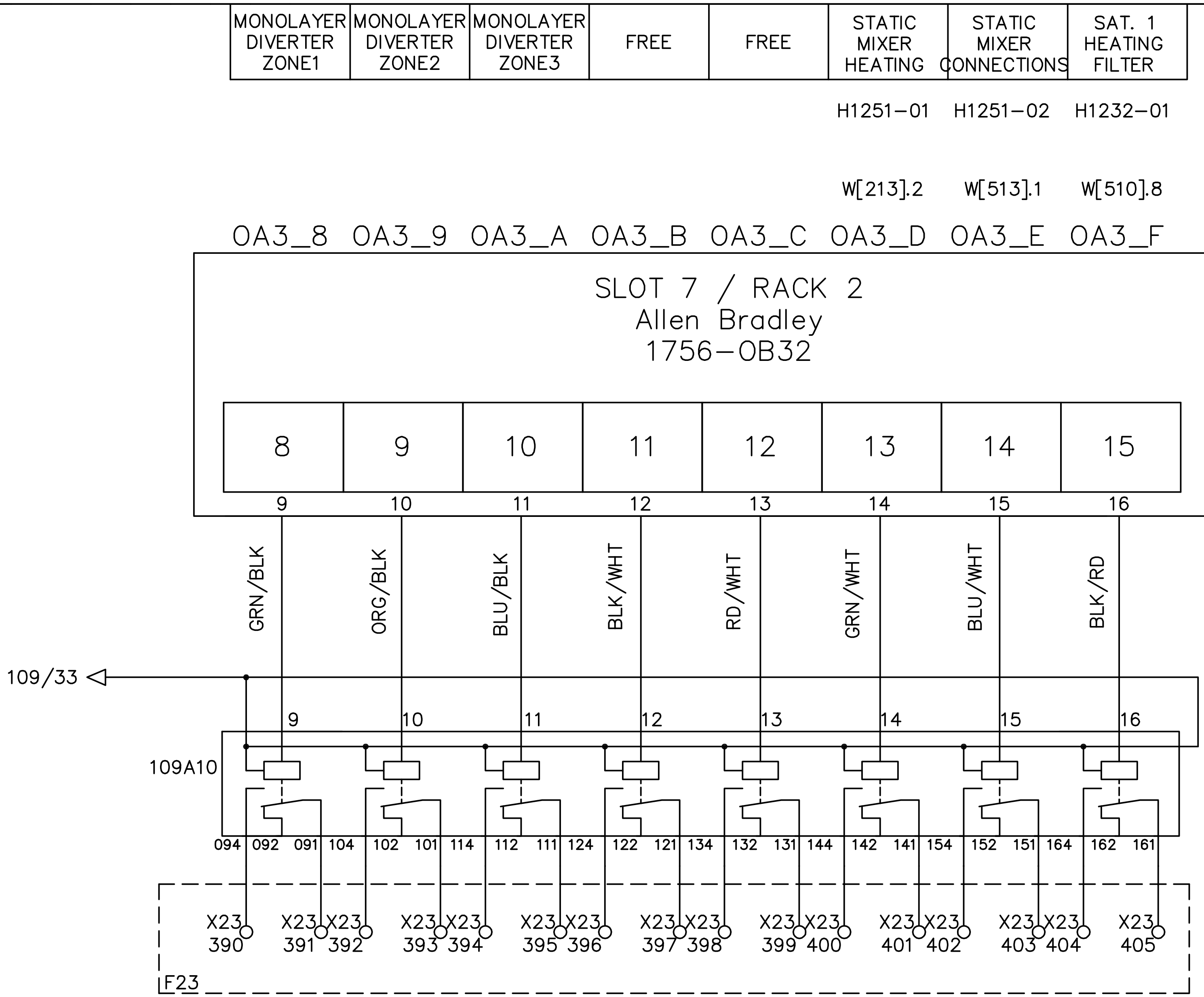


File Name : P109 slot 7 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12	Page #	109	
DRAWN BY: Perrick Hsiao		2		Edwin Lee	06/17/20		Total		
CHECKED BY: JERRY WU		1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 03-23-2015	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



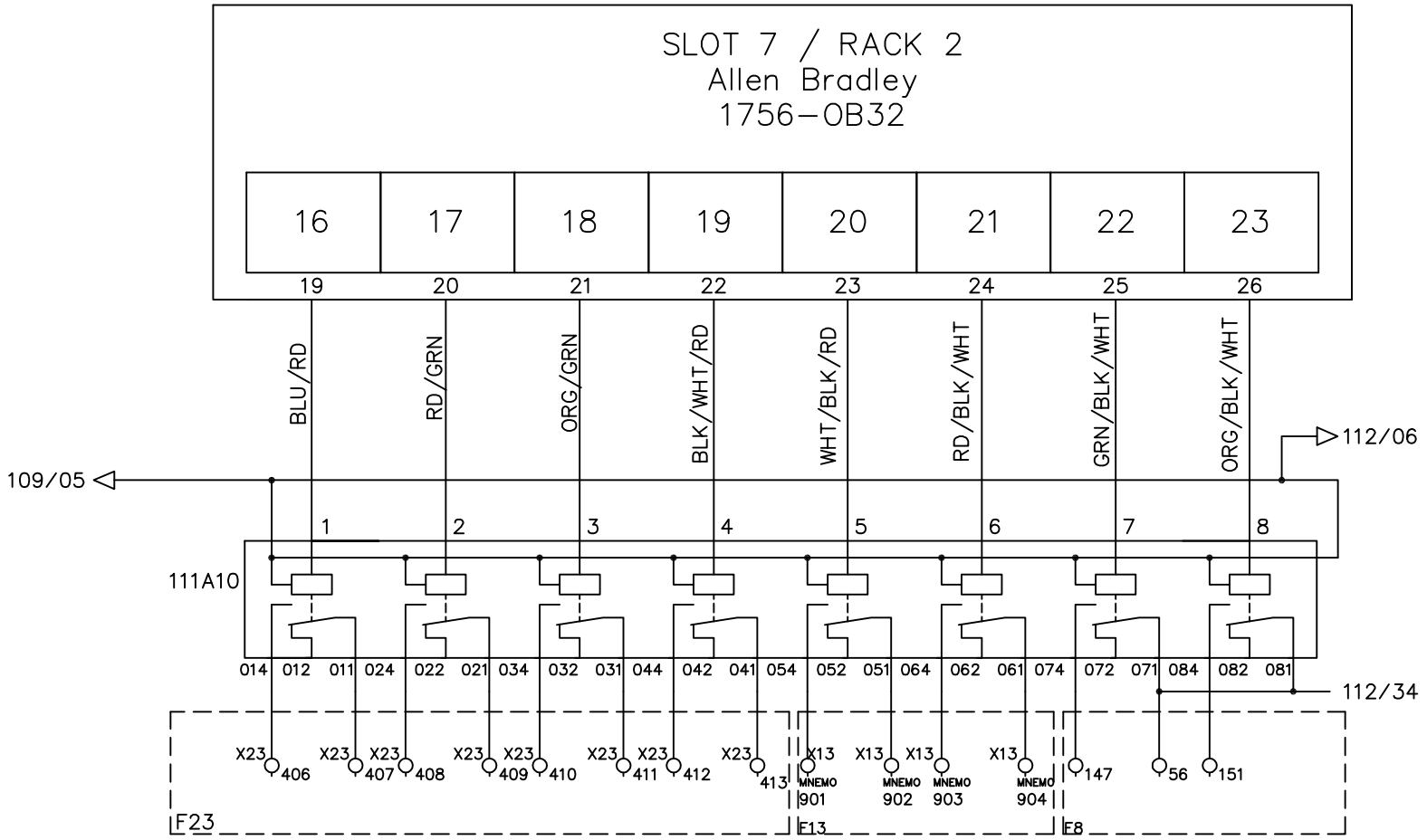
File Name : P110 slot 7 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	110
			2		Edwin Lee	06/17/20			Total	
DRAWN BY	Perrick Hsiao		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 03-23-2015		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT. 2 HEATING FILTER	HYDRAULIC GROUP	HYDRAULIC GROUP	FREE	FREE	FREE	VACUUM VALVE #1	DUMP VALVE #1
H1232-32	M1232-03	M1232-04					
W[511].2	W[517].0	W[517].1					
OB3_0	OB3_1	OB3_2	OB3_3	OB3_4	OB3_5	OB3_6	OB3_7



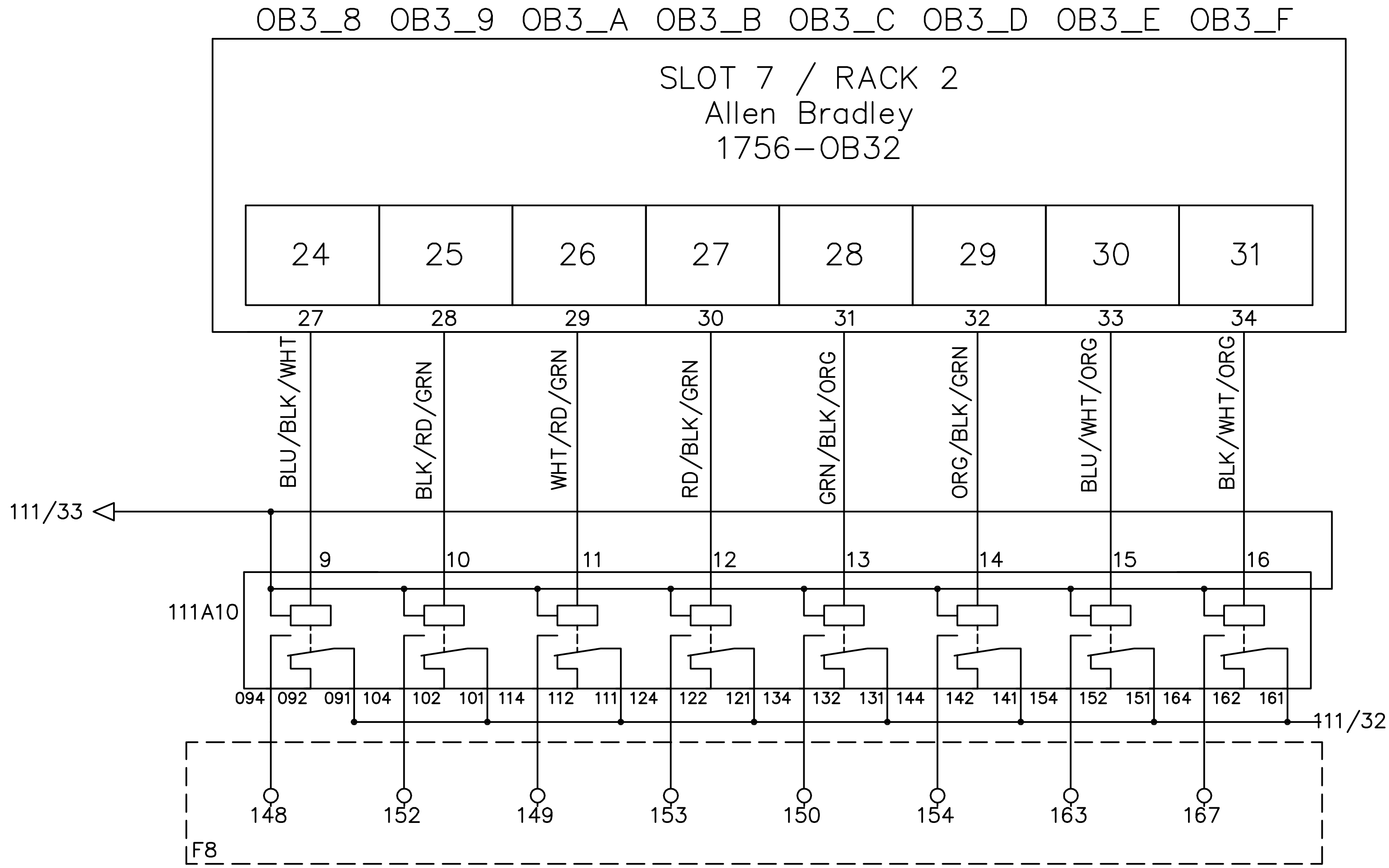
File Name : P111 slot 7 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12	Page #	111	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

VACUUM VALVE 2	DUMP VALVE 2	VACUUM VALVE 3	DUMP VALVE 3	VACUUM VALVE 4	DUMP VALVE 4	VACUUM VALVE 5	DUMP VALVE 5



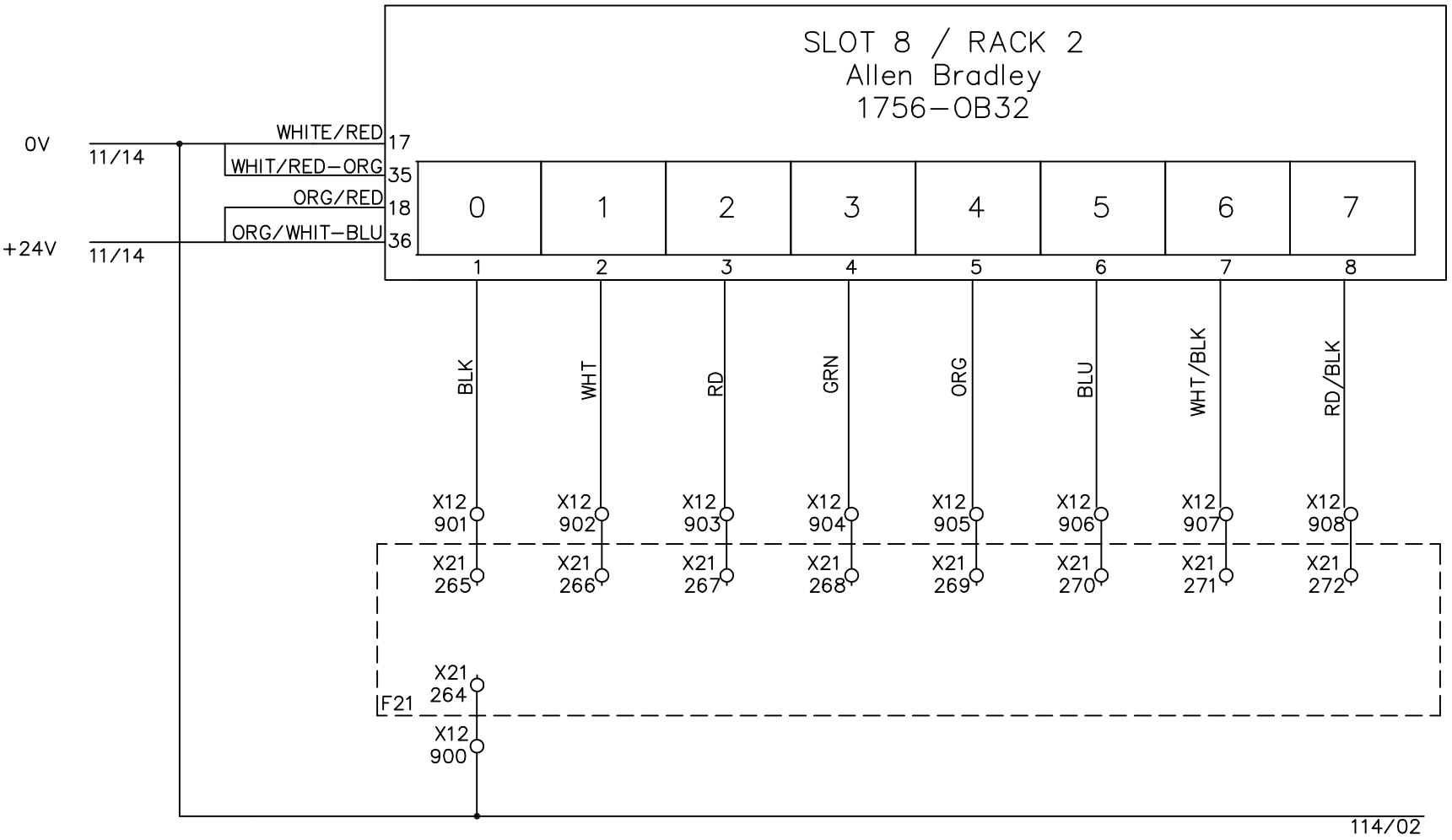
File Name : P112 slot 7 Allen Bradley 1756-OB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page # 112
									Total
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATER ZONE 1 EXT. 1	HEATER ZONE 2 EXT. 1	HEATER ZONE 3 EXT. 1	HEATER ZONE 4 EXT. 1	HEATER ZONE 1 EXT. 2	HEATER ZONE 2 EXT. 2	HEATER ZONE 3 EXT. 2	HEATER ZONE 4 EXT. 2
H1200–01	H1200–02	H1200–03	H1200–04	H1260–06	H1260–07	H1260–08	H1260–09
W[9021].8	W[9071].8	W[9121].8	W[9171].8	W[9221].8	W[9371].8	W[9321].8	W[9371].8
OA4_0	OA4_1	OA4_2	OA4_3	OA4_4	OA4_5	OA4_6	OA4_7



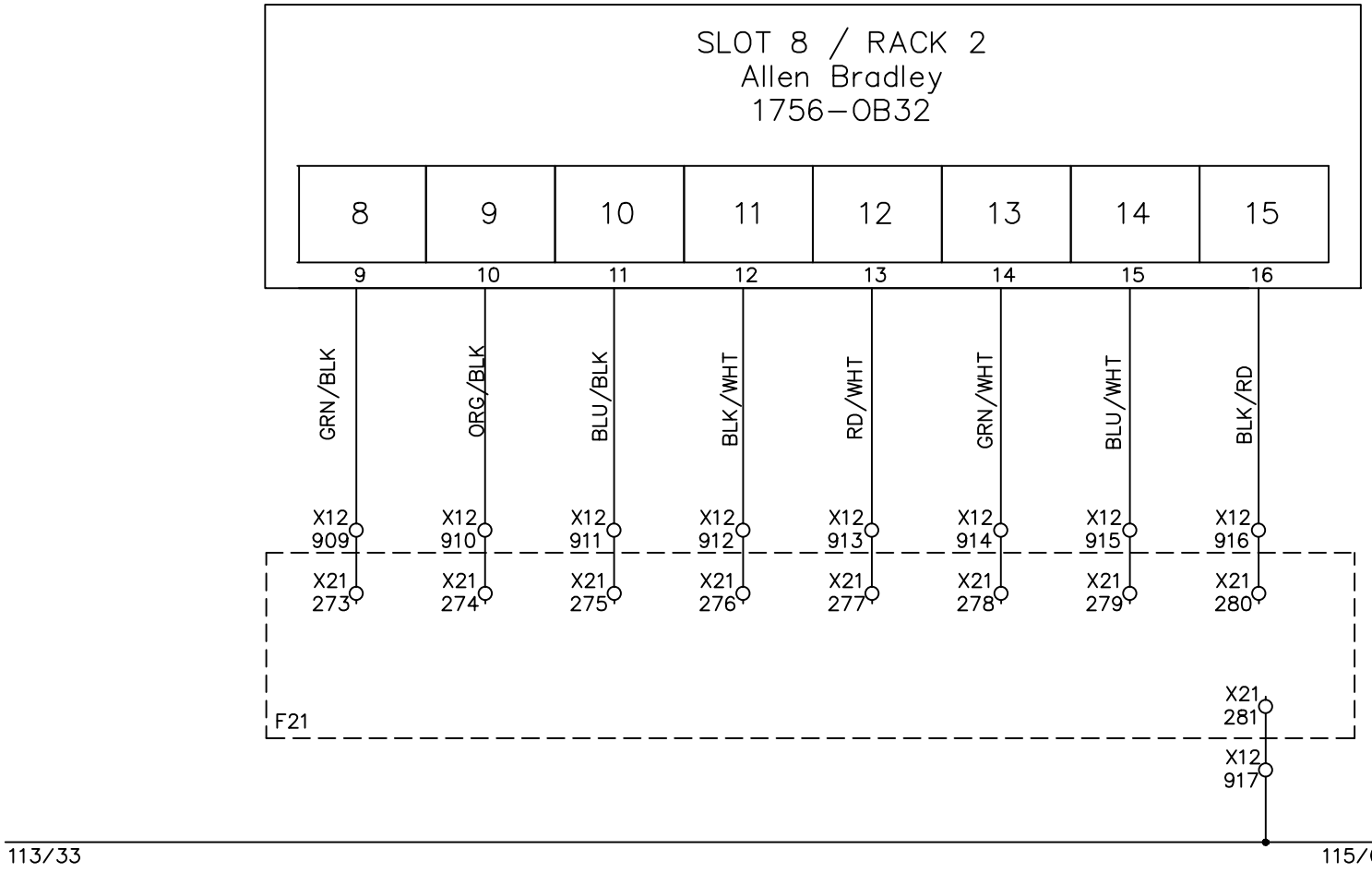
File Name : P113 slot 8 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	113	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT LINE 1 Z1	MELT LINE 1 Z2	MELT LINE 1 Z3	MELT LINE 1 Z4	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER
H1200–12	H1200–13	H1200–14	H1200–15	H1230–02	H1230–03	H1230–04	H1230–05
W[6621].8	W[6771].8	W[6721].8	W[6771].8	W[6371].8	W[6421].8	W[6471].8	W[6321].8
OA4_8	OA4_9	OA4_A	OA4_B	OA4_C	OA4_D	OA4_E	OA4_F

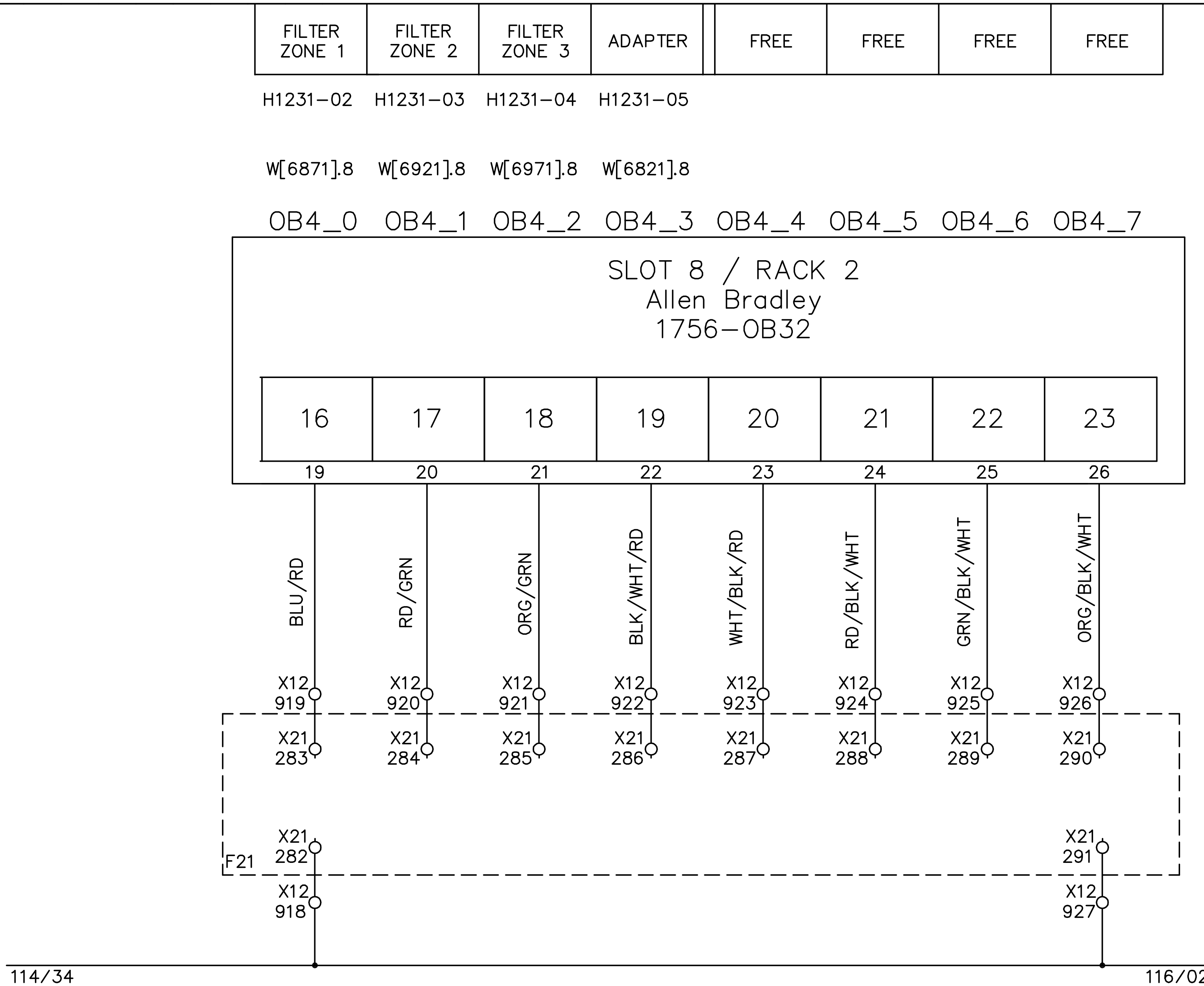


File Name : P114 slot 8 Allen Bradley 1756–0B32 rack2–2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	114		
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total			
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P115 slot 8 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6
			2		Edwin Lee	06/17/20		
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018

Page #	115		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT. EXT. 1 Z1	SAT. EXT. 1 Z2	SAT. EXT. 1 Z3	SAT. EXT. 1 Z4	SAT. EXT. 1 Z5	SAT. EXT. 1 Z6	SAT. EXT. 1 Z7	ADAPTER SAT. EXT. 1
H1210–01	H1210–02	H1210–03	H1210–04	H1210–05	H1210–06	H1210–07	H1210–29
W[8021].8	W[8071].8	W[8121].8	W[8171].8	W[8221].8	W[8271].8	W[8321.]8	W[6021].8
OB4_8	OB4_9	OB4_A	OB4_B	OB4_C	OB4_D	OB4_E	OB4_F

SLOT 8 / RACK 2
Allen Bradley
1756–OB32

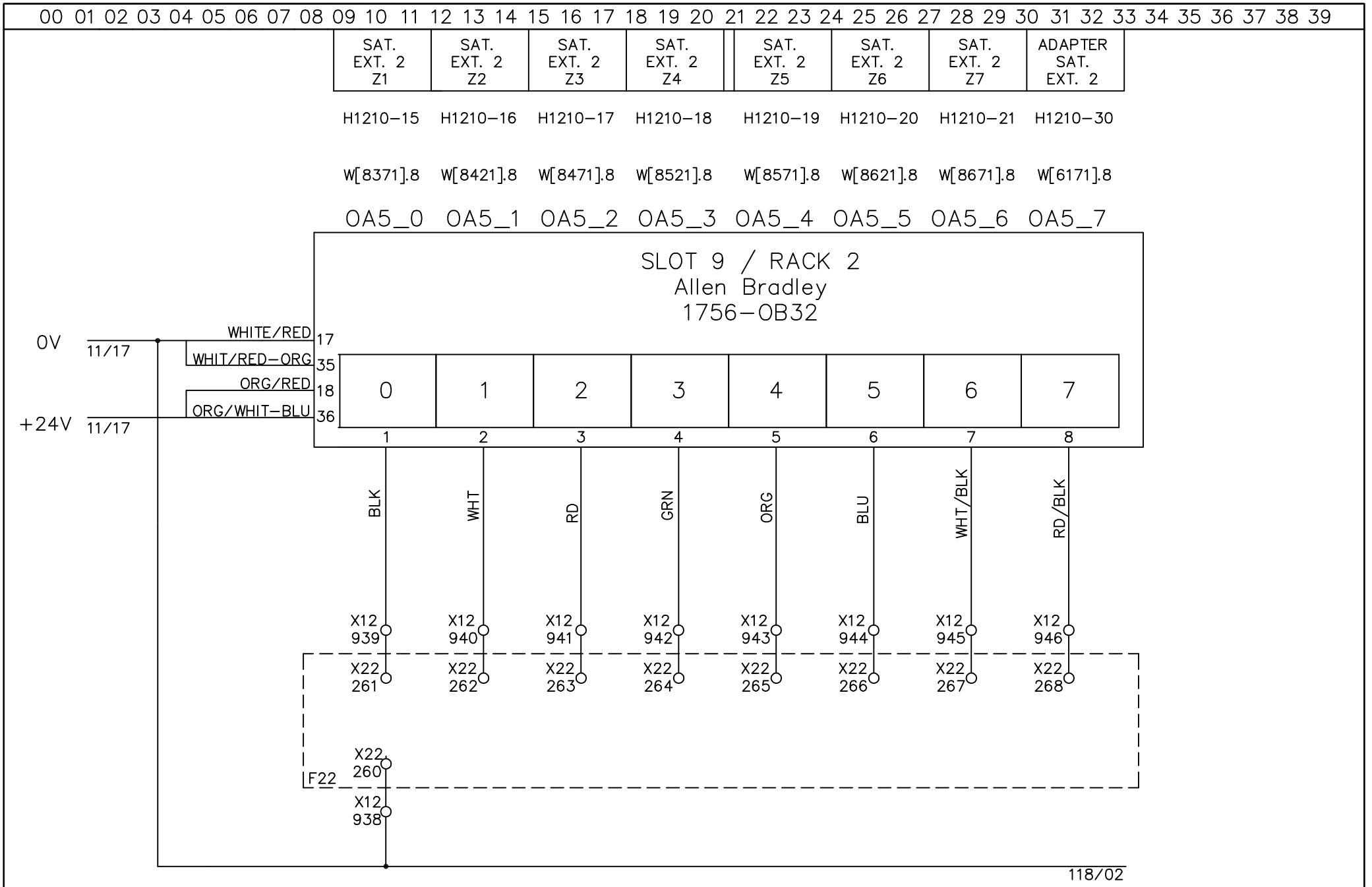
24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34
BLU/BLK/WHT	BLK/RD/GRN	WHT/RD/GRN	RD/BLK/GRN	GRN/BLK/ORG	ORG/BLK/GRN	BLU/WHT/ORG	BLK/WHT/ORG
X12 929	X12 930	X12 931	X12 932	X12 933	X12 934	X12 935	X12 936
X22 251	X22 252	X22 253	X22 254	X22 255	X22 256	X22 257	X22 258
F22 X22 250							X22 259
X12 928							X12 937

115/34

File Name : P116 slot 8 Allen Bradley 1756–OB32 rack2–4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	116		
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total			
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM



File Name : P117 slot 9 Allen Bradley 1756–OB32 rack2–1.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	117	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	HEATING OF DIVERTER	DIE HEATER Z1	DIE HEATER Z2	DIE HEATER Z3
				H1250-01	H1260-01	H1260-02	H1260-03
				W[7221].C	W[7271].8	W[7321].8	W[7371].8

OA5_8 OA5_9 OA5_A OA5_B OA5_C OA5_D OA5_E OA5_F

SLOT 9 / RACK 2
Allen Bradley
1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16
GRN/BLK	ORG/BLK	BLU/BLK	BLK/WHT	RD/WHT	GRN/WHT	BLU/WHT	BLK/RD
X12 947	X12 948	X12 949	X12 950	X12 953	X12 954	X12 955	X12 956
X22 269	X22 270	X22 271	X22 272	X23 415	X23 416	X23 417	X23 418

F22

X22 273 — X12 951

X23 414 — X12 952

117/33 — 119/02

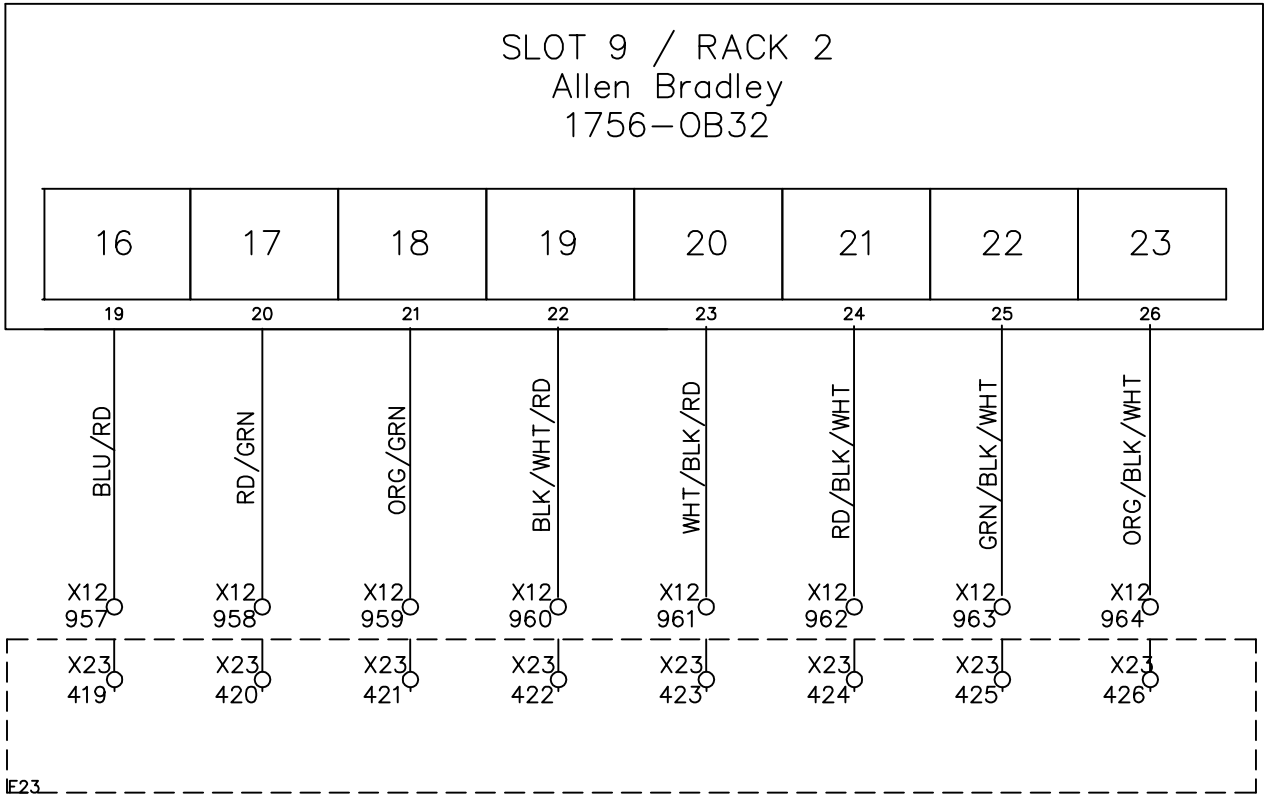
File Name : P118 slot 9 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	118
		2		Edwin Lee	06/17/20			Total	
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL	
CHECKED BY JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

DIE HEATER Z4	DIE HEATER Z5	DIE HEATER Z6	DIE HEATER Z7	STATIC MIXER HEATING	STATIC MIXER CONNECTIONS	SAT. 1 HEATING FILTER	SAT. 2 HEATING FILTER
H1260-04	H1260-05	H1260-06	H1260-07	H1251-01	H1251-02	H1232-01	H1232-02
W[7421].8	W[7471].8	W[7521].8	W[7571].8	W[7121].8	W[7171].8	W[6071].8	W[6220].8
OB5_0	OB5_1	OB5_2	OB5_3	OB5_4	OB5_5	OB5_6	OB5_7



File Name : P119 slot 9 Allen Bradley 1756-OB32 rack2-3.dwg

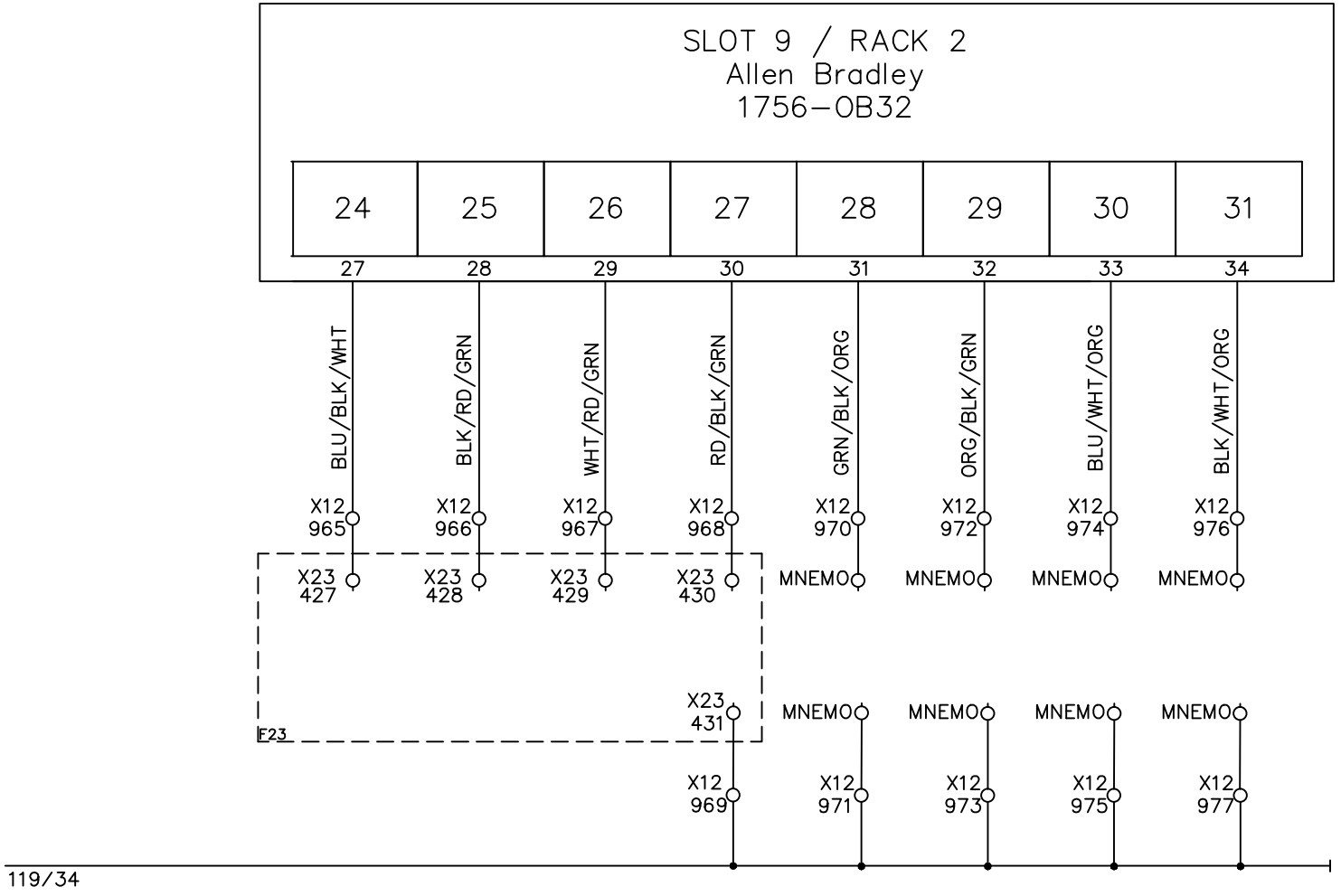
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	119	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20		Total		
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.	MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MAIN EXTR STATIC MIXER	MONOLAYER DIVERTER ZONE1	MONOLAYER DIVERTER ZONE2	MONOLAYER DIVERTER ZONE3	FREE		FREE	FREE

OB5_8 OB5_9 OB5_A OB5_B OB5_C OB5_D OB5_E OB5_F



File Name : P120 slot 9 Allen Bradley 1756-OB32 rack2-4.dwg

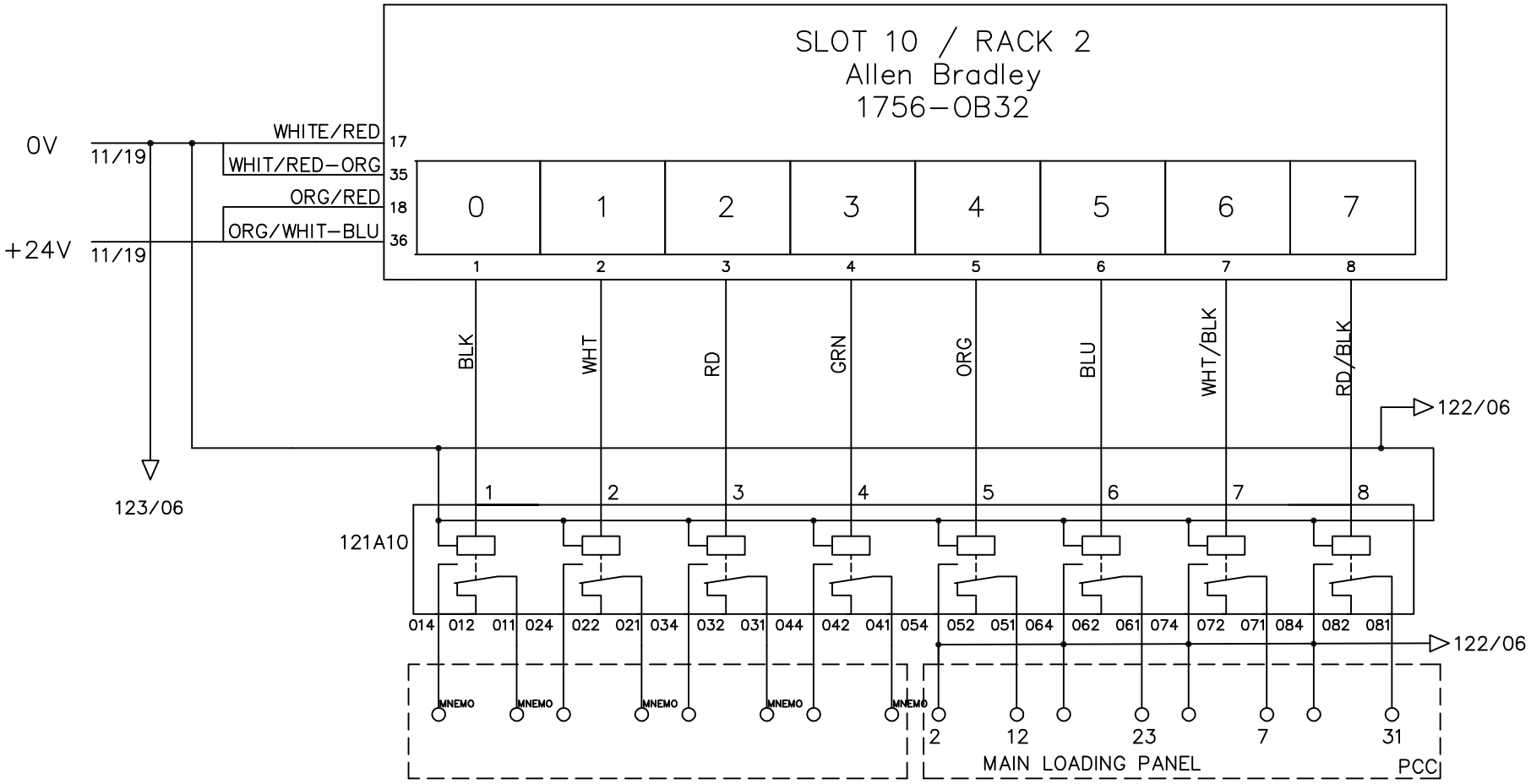
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	120	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	HOMOPLYMER SILO	RECLAIM MATERIAL	COPOLYMER SILO	COPOLYMER1 SILO DRYER HI
C1103-01	C1103-02	C1122-01	C1122-02	LSH1104-02	LSH1104-04	LSL1123-01	LSL1123-02
HOMO	RECLAIM	SAT1 COPO	SAT2 COPO	DRYEA	DRYEA	DRYEA	DRYEA

OA6_0 OA6_1 OA6_2 OA6_3 OA6_4 OA6_5 OA6_6 OA6_7



File Name : P121 slot 10 Allen Bradley 1756-OB32 rack2-1.dwg

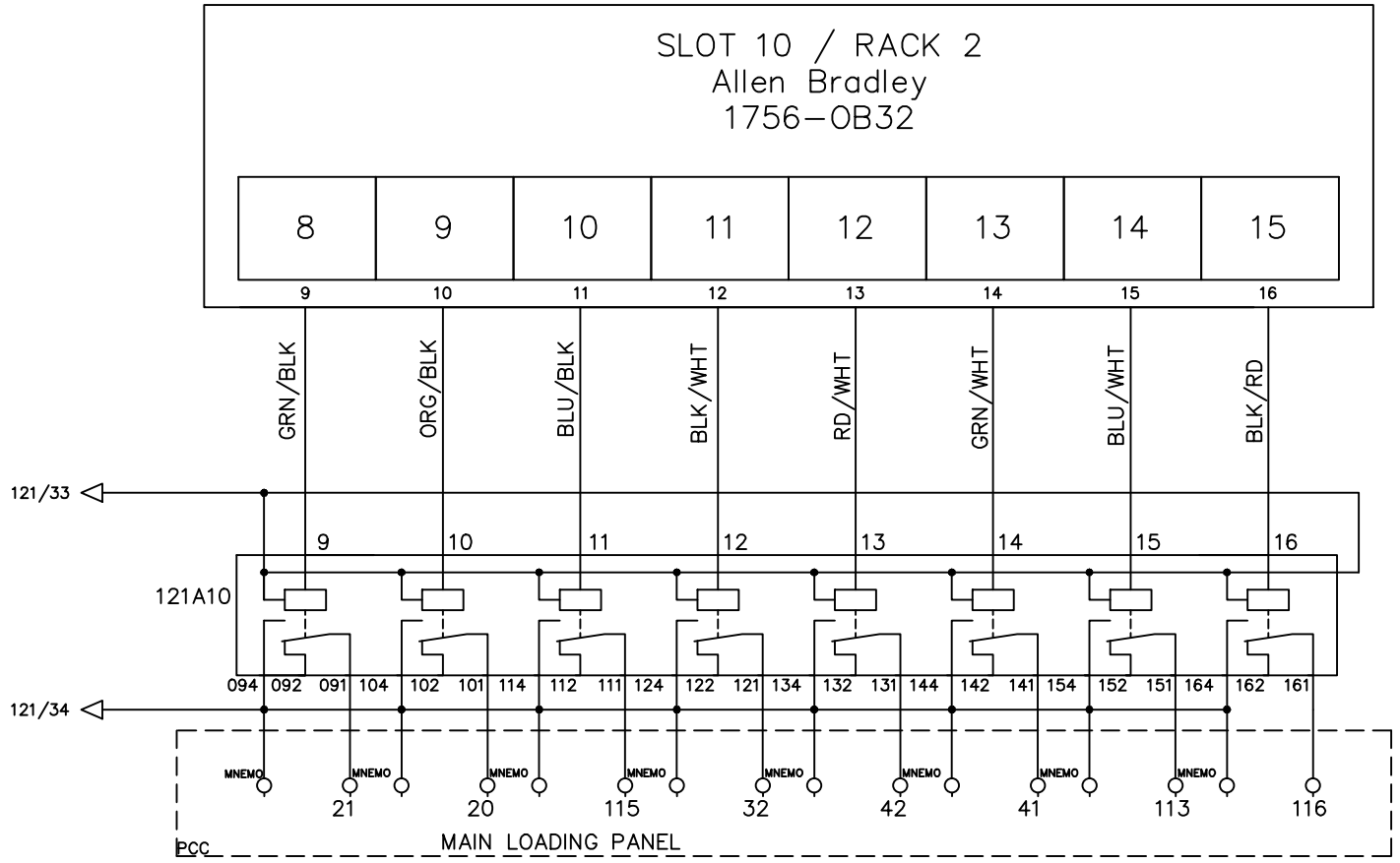
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12		Page #	121	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1	SAT EXT. 1	COPOLYMER SILO	COPOLYMER2 SILO DRYER HI	SAT EXT. 2	SAT EXT. 2	HOMOPOLY MER SILO	RECLAIM MATERIAL
LSL1124-01	LSL1124-02	LSL1123-03	LSH1123-04	LSL1124-03	LSL1124-04	LSL1104-01	LSL1104-03
HOPPER	HOPPER	DRYER	DRYER	HOPPER	HOPPER	DRYER	DRYER
		W[4943].E	W[4943].D	NOT I94.E		W[4943].2	W[4943].4

OA6_8 OA6_9 OA6_A OA6_B OA6_C OA6_D OA6_E OA6_F



File Name : P122 slot 10 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 E12	Page #	122	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

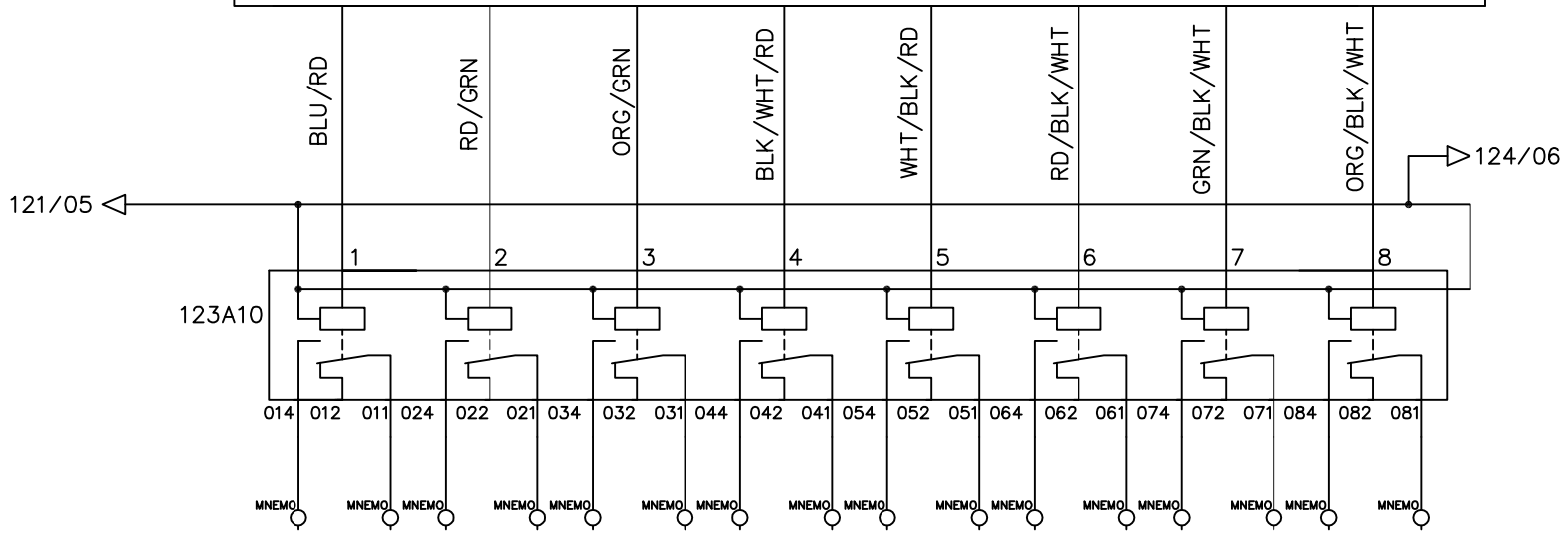
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE

OB6_0 OB6_1 OB6_2 OB6_3 OB6_4 OB6_5 OB6_6 OB6_7

SLOT 10 / RACK 2
Allen Bradley
1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



File Name : P123 slot 10 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12	Page #	123		
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20		Total			
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE	NONE	UNIT MM

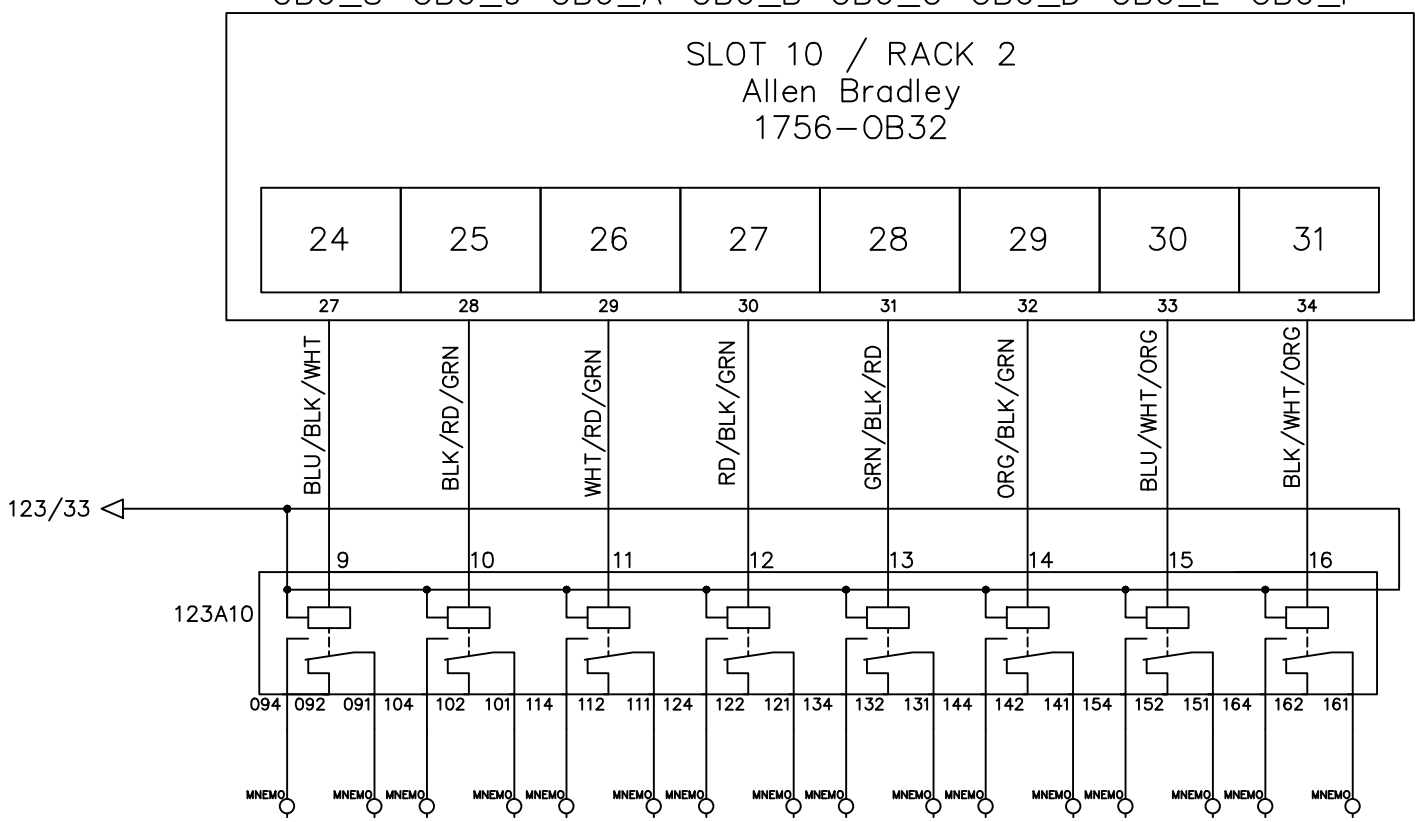
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE

OB6_8 OB6_9 OB6_A OB6_B OB6_C OB6_D OB6_E OB6_F

SLOT 10 / RACK 2
Allen Bradley
1756-0B32

24	25	26	27	28	29	30	31



File Name : P124 slot 10 Allen Bradley 1756-0B32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

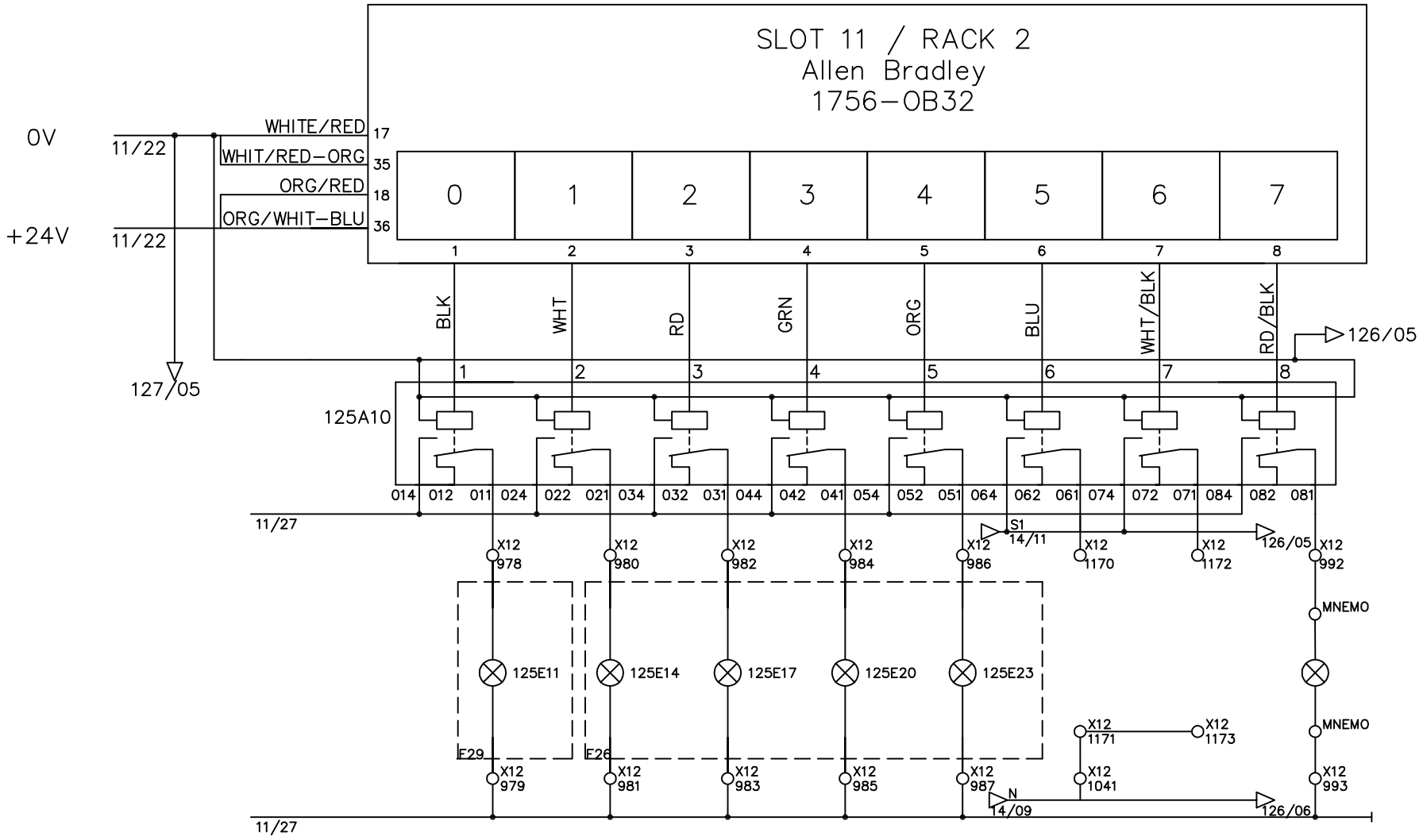
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.					DRAWING DESCRIPTION	KF023 F12	Page #	124			
DRAWN BY	Rufus Huang	Line1 32 P.L.C. DIGITAL OUTPUT	2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FEEDING VALVE OPEN	HIGH LEVEL HOMOPOL. SLIO	HIGH LEVEL RECLAIM MAT	HIGH LEVEL COPOL SAT. 1	HIGH LEVEL COPOL SAT. 2	COOLING FEEDING ZONE EXT. 2	EXHAUST SOLENOID VALVE CONNAIR	ALARM LIGHT IN CTRL ROOM

W[4943].3 W[4943].5 W[4943].1 W[4943].E W[4929].8

OA7_0 OA7_1 OA7_2 OA7_3 OA7_4 OA7_5 OA7_6 OA7_7



File Name : P125 slot 11 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 32 P.L.C. DIGITAL OUTPUT				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	125	
DRAWN BY Rufus Huang		2		Edwin Lee	06/17/20			Total	
CHECKED BY JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 05-01-2018		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP
C1103–01	C1103–01	C1103–02	C1103–02	C1122–01	C1122–01	C1122–02	C1122–02

W[515].0 W[515].1 W[515].9 W[515].A

OA7_8 OA7_9 OA7_A OA7_B OA7_C OA7_D OA7_E OA7_F

SLOT 11 / RACK 2
Allen Bradley
1756–OB32

8 9 10 11 12 13 14 15

9 10 11 12 13 14 15 16

GRN/BLK ORG/BLK BLU/BLK BLK/WHT RD/WHT GRN/WHT BLU/WHT BLK/RD

125/33

125A10

094 092 091 104 102 101 114 112 111 124 122 121 134 132 131 144 142 141 154 152 151 164 162 161

125/31 S1 — S1 127/05

X12 994 X12 996 X12 998 X12 1000 X12 1002 X12 1004 X12 1006 X12 1008

11 13 13 11 13 11 13

12 14 12 14 12 14

C1103–01 C1103–02 C1122–01 C1122–02

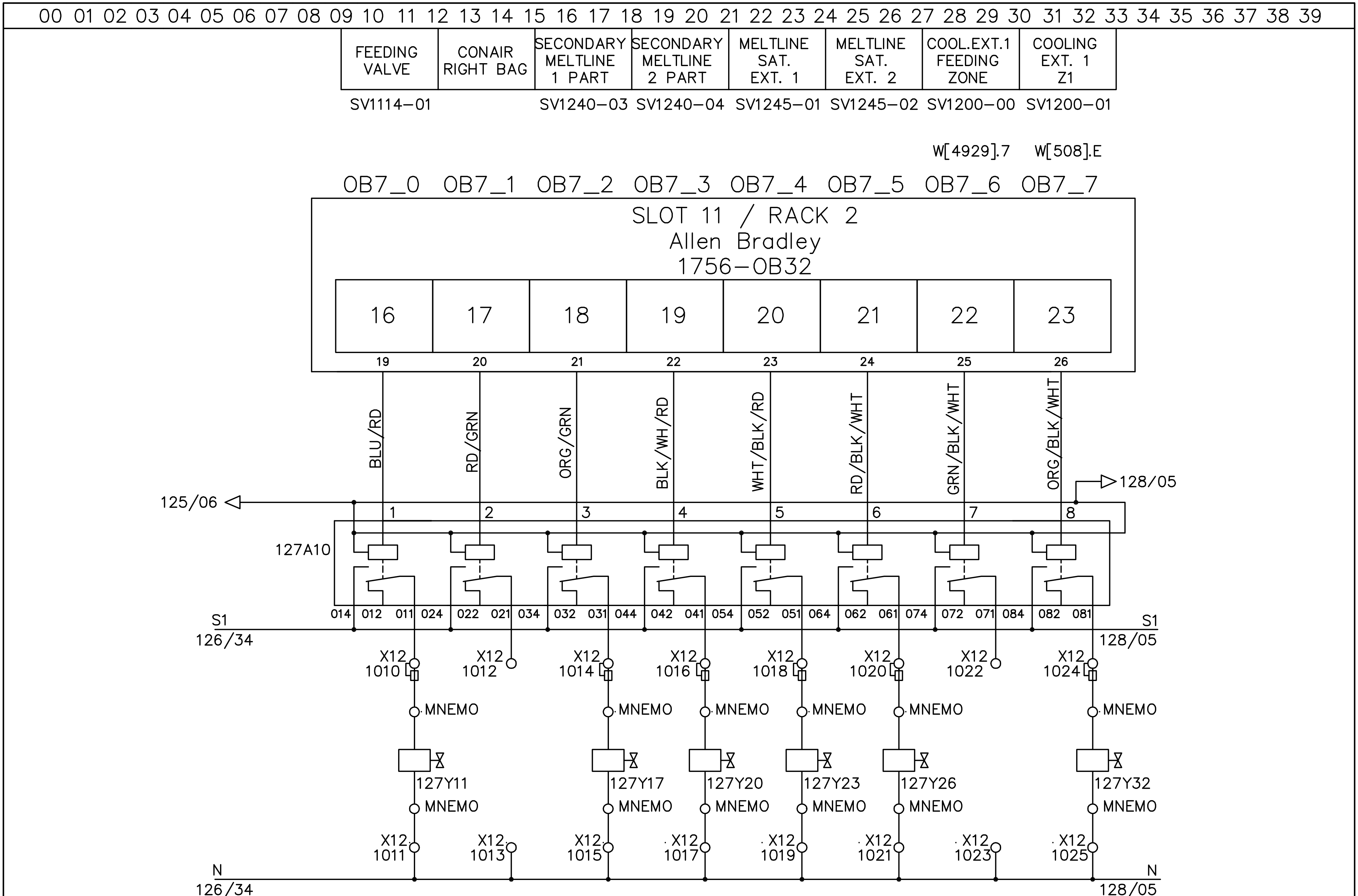
X12 995 X12 997 X12 999 X12 1001 X12 1003 X12 1005 X12 1007 X12 1009

125/31 N — N 127/05

File Name : P126 slot 11 Allen Bradley 1756–OB32 rack2–2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	126	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT MM



File Name : P127 slot 11 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

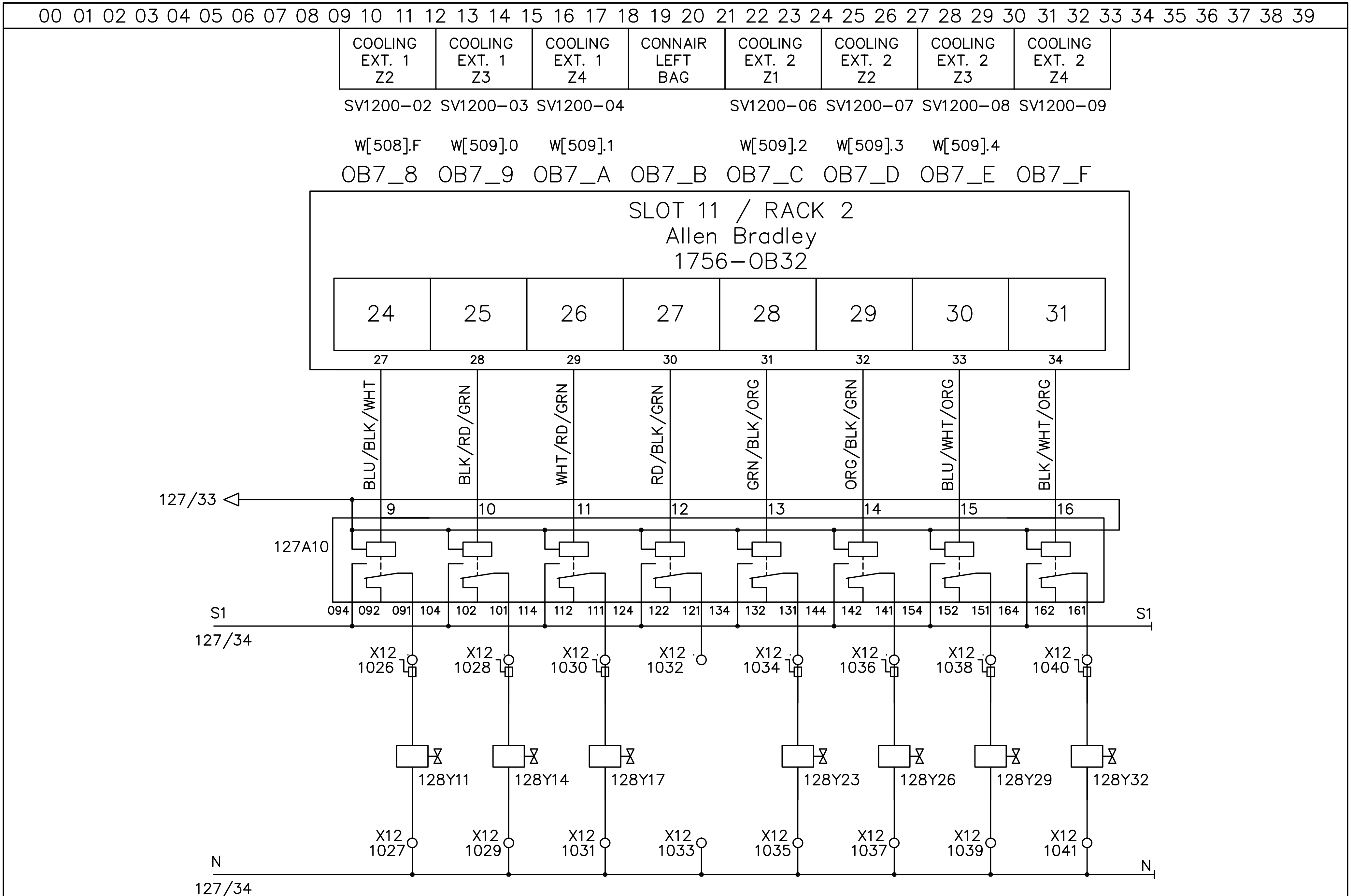
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 32 P.L.C. DIGITAL OUTPUT

DRAWN BY	Rufus Huang						
CHECKED BY	JERRY WU						

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
2		Edwin Lee	06/17/20
1	Add Terminal Number	Charlie Z.	06/05/19

DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	127
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	05-01-2018	SCALE NONE	UNIT MM



File Name : P128 slot 11 Allen Bradley 1756-OB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

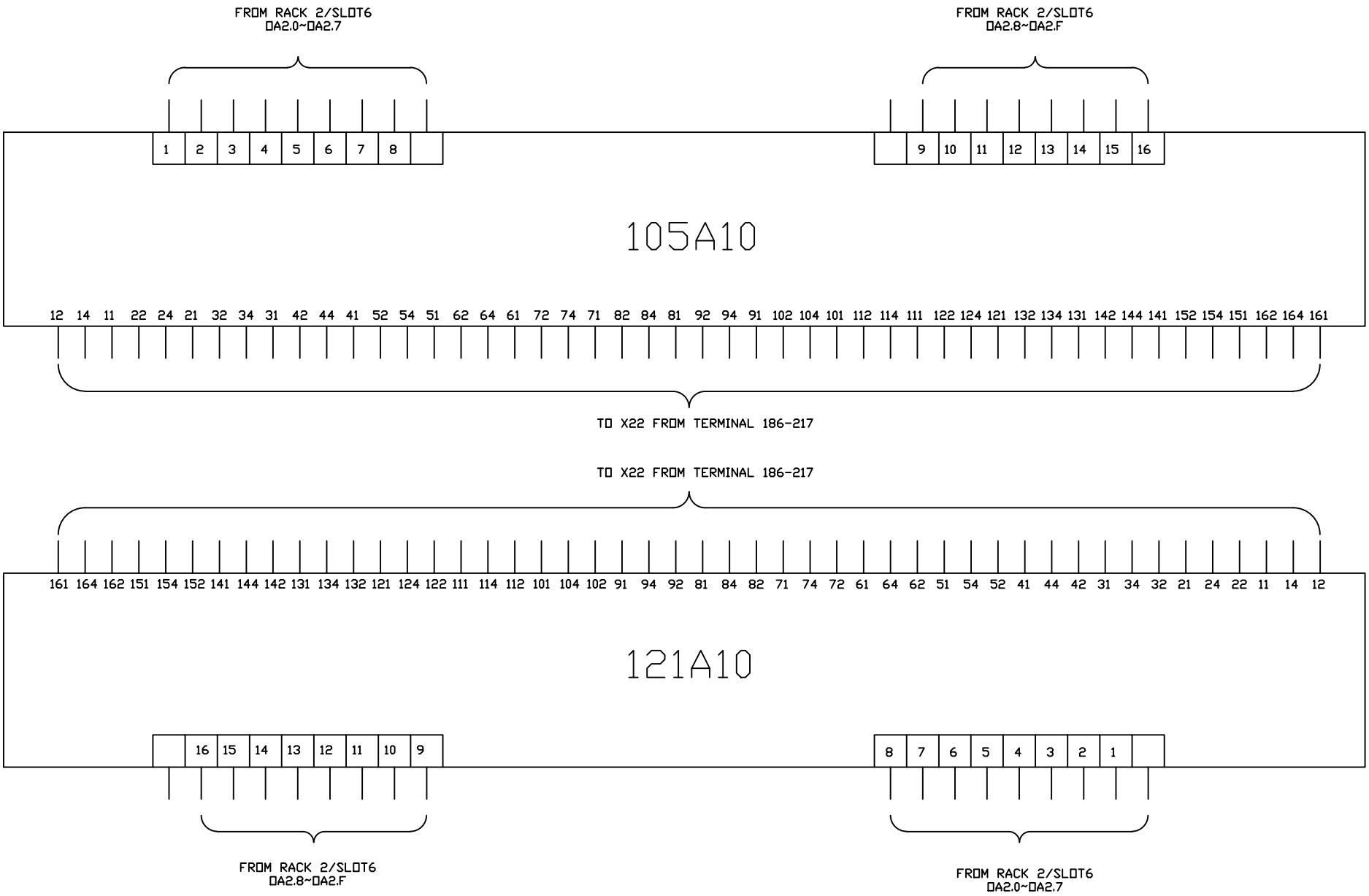
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 32 P.L.C. DIGITAL OUTPUT

DRAWN BY	Rufus Huang	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6
CHECKED BY	JERRY WU	2		Edwin Lee	06/17/20	DRAWING NO.	
		1	Add Terminal Number	Charlie Z.	06/06/19	DRAWN DATE:	

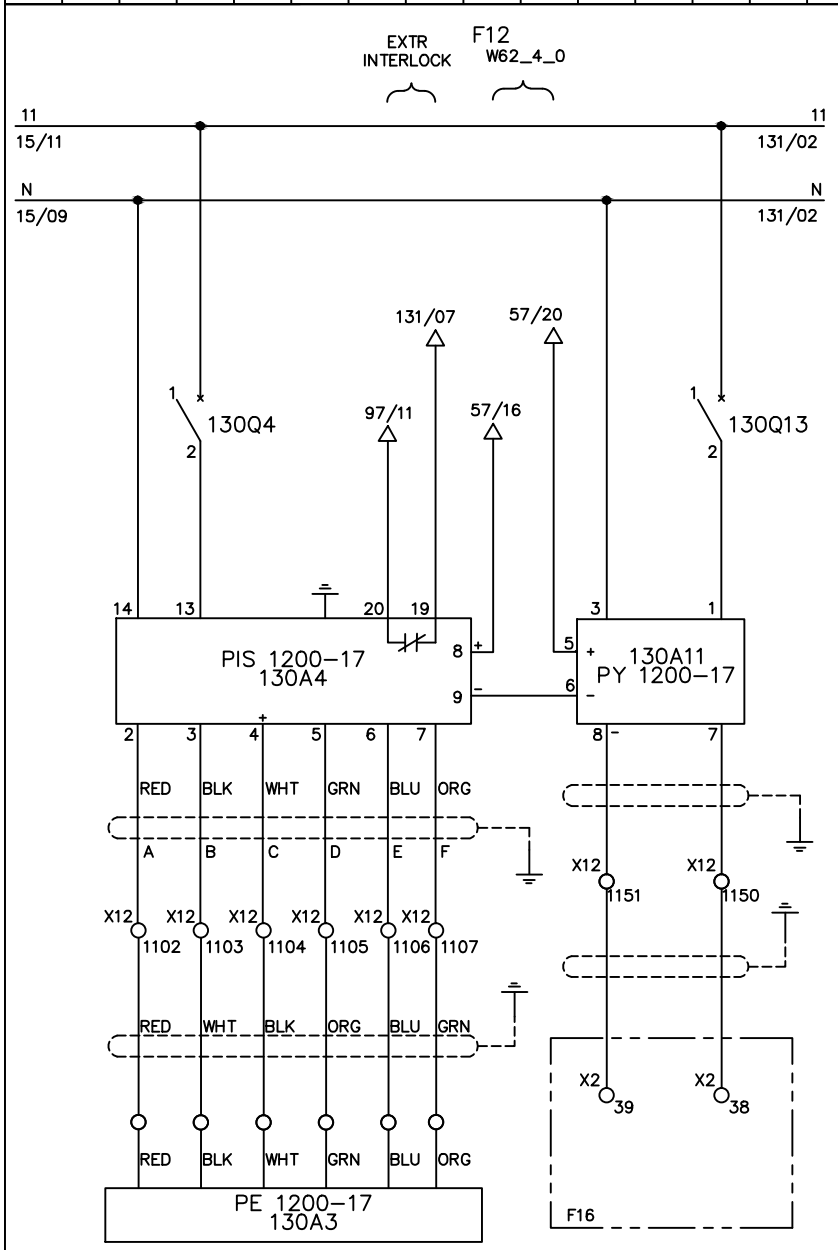
Page #	128		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DUCT 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	129	
									Total		
DRAWN BY	Rufus Huang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

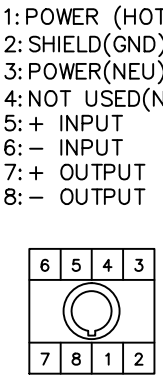


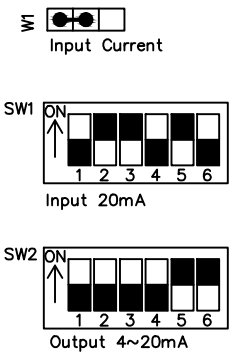
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-17	TPT463E	DYNISCO	B-345 bars
PIS 1200-17	UPR900	DYNISCO	4-20mA
PY 1200-17	4380	Action Pak	4-20mA

MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

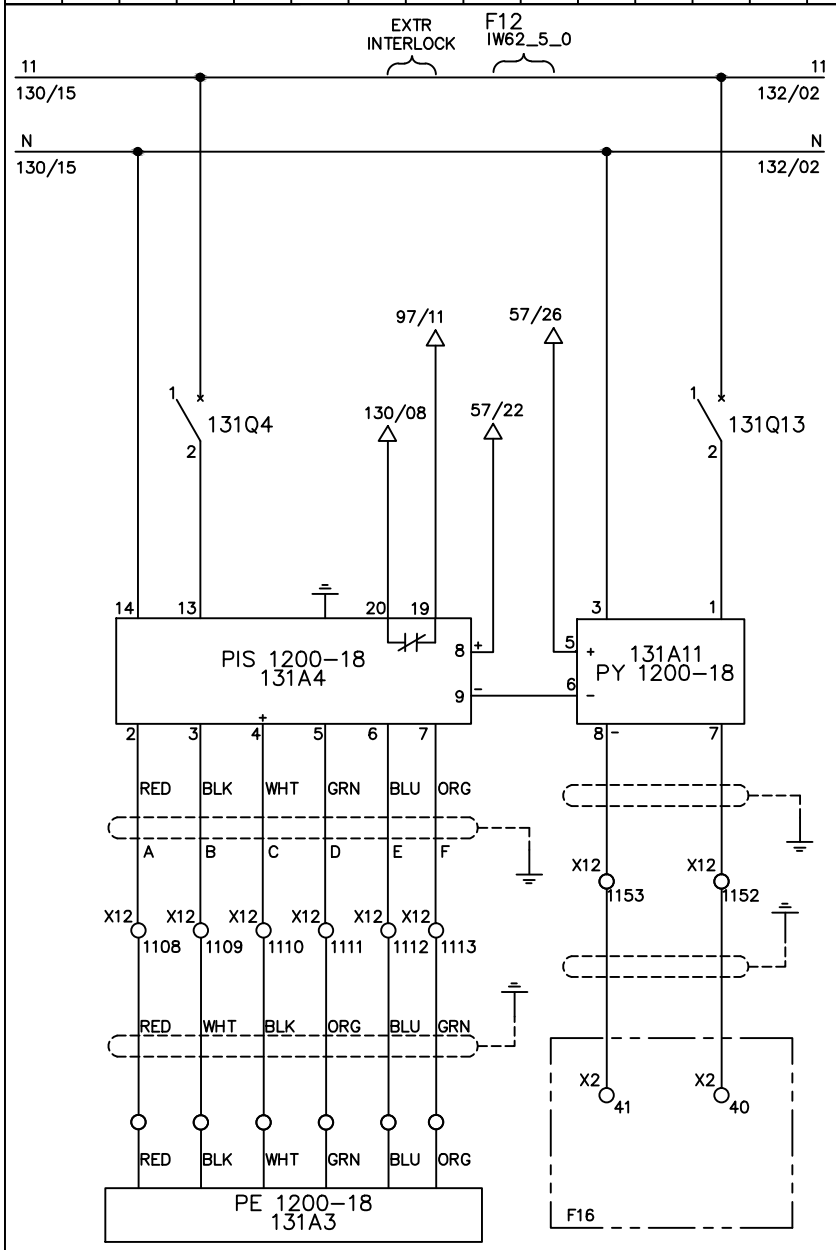
Action Pak 4380

1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT





INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT PRESSURE AFTER EXT.1 PE 1200-17 (P511, 0-5000PSI)				DRAWING DESCRIPTION	KF012	Page # 130
							Total
DRAWN BY Charlie Zhang							MATERIAL
CHECKED BY VINCENT HUANG	1	130/07 Normal Close	Edwin Lee	06/17/20	DRAWING NO.		SCALE NONE UNIT MM
	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	

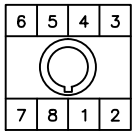


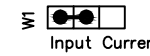
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-18	PT462E	DYNISCO	B-104 bars
PIS 1200-18	UPR900	DYNISCO	4-20mA
PY 1200-18	4380	Action Pak	4-20mA

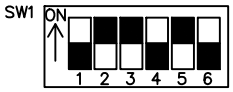
MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

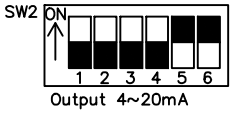
Action Pak 4380

1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT









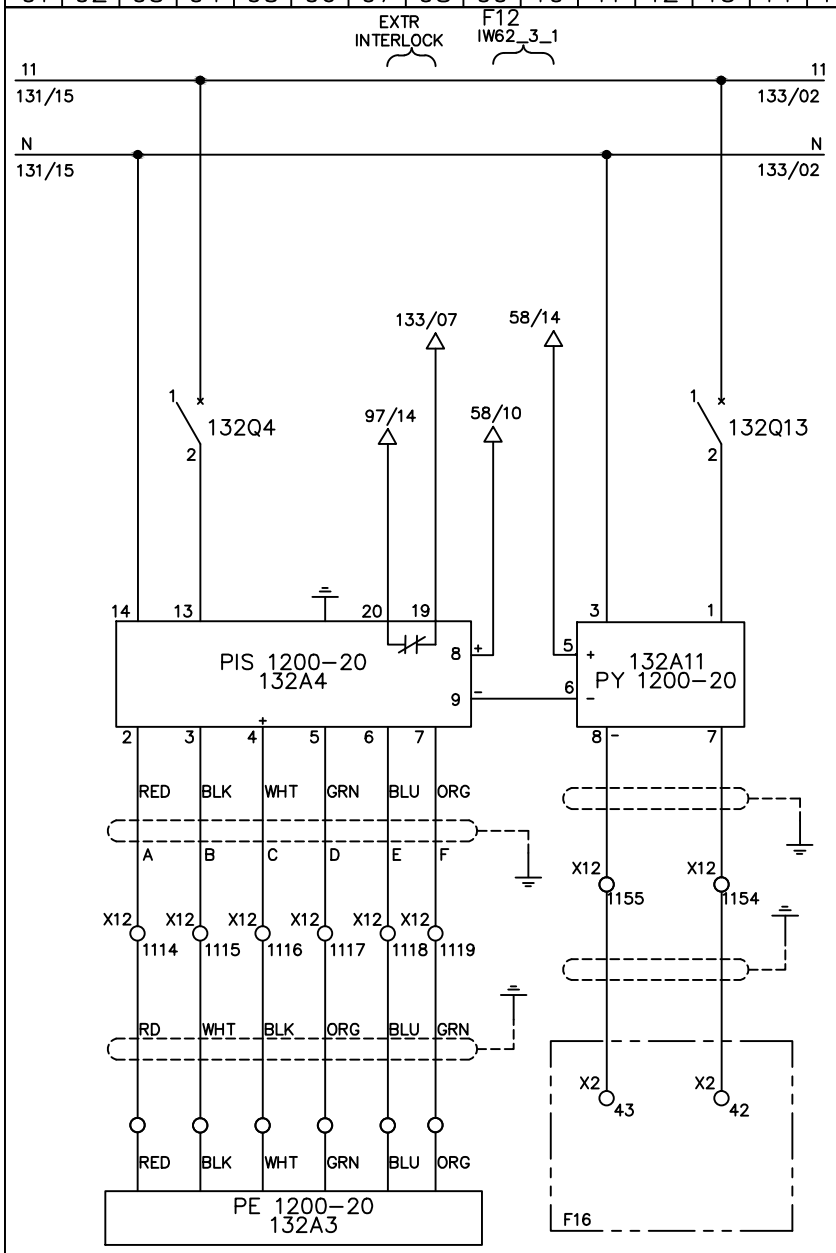
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 MELT PRESSURE BEFORE EXT.2
PE 1200-18 (P512, 0-1500PSI)

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	130/07 Normal Close	Edwin Lee	06/17/20

DRAWING DESCRIPTION	KF023	Page #	131
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	10/15/2018	SCALE	NONE
		UNIT	MM

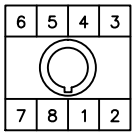


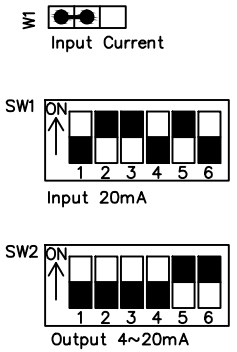
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-20	TPT463E	DYNISCO	B-345 bars
PIS 1200-20	UPR900	DYNISCO	4-20mA
PY 1200-20	4380	Action Pak	4-20mA

MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

Action Pak 4380

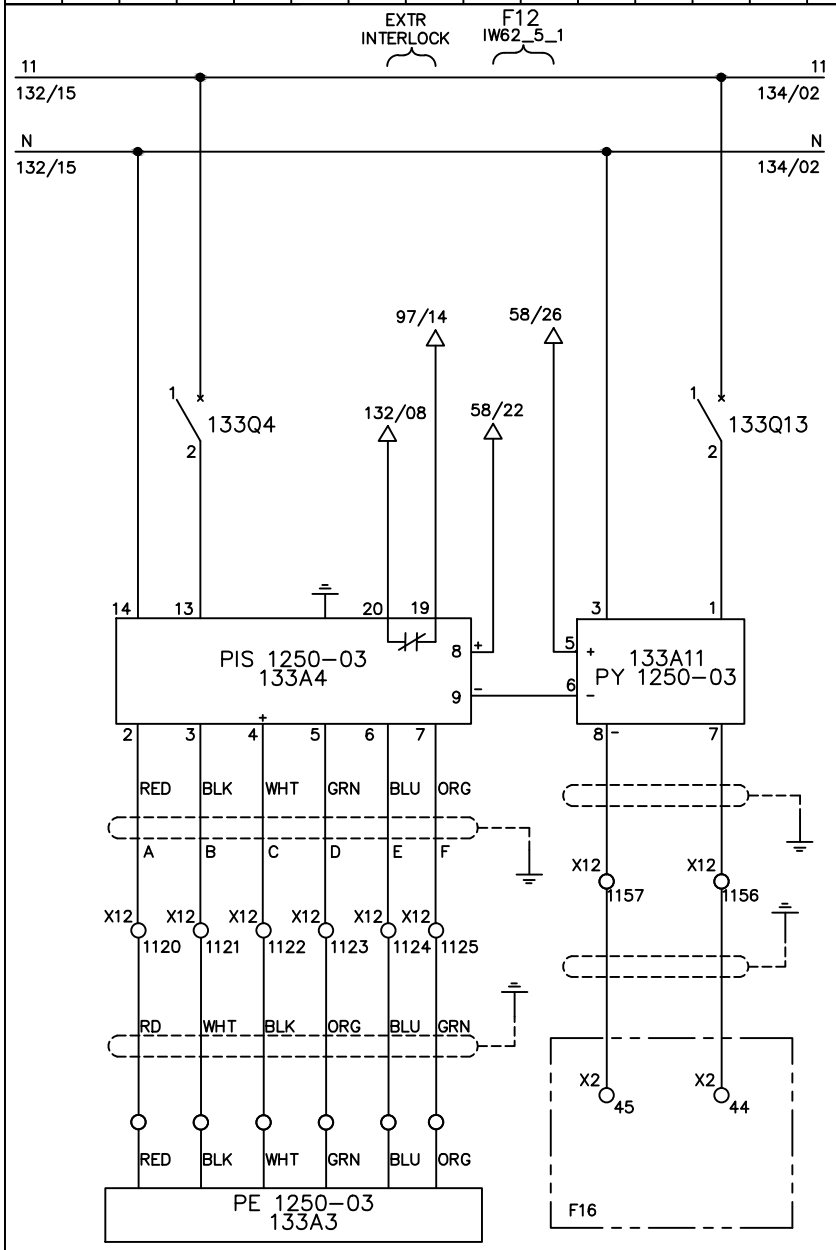
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT





INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT PRESSURE AFTER EXT.2 PE 1200-20 (P514, 0-5000PSI)			DRAWING DESCRIPTION	KF023
DRAWN BY	Charlie Zhang				
CHECKED BY	VINCENT HUANG	1	130/07 Normal Close	Edwin Lee	06/17/20
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE

Page #	132
Total	
DRAWING NO.	
MATERIAL	
DRAWN DATE:	10/15/2018
SCALE	NONE
UNIT	MM

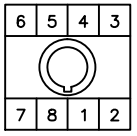


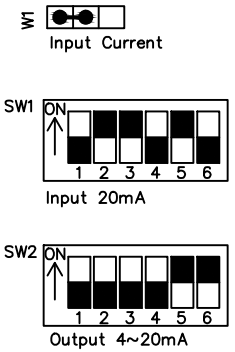
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1250-03	TPT463E	DYNISCO	B-207 bars
PIS 1250-03	UPR900	DYNISCO	4-20mA
PY 1250-03	4380	Action Pak	4-20mA

MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

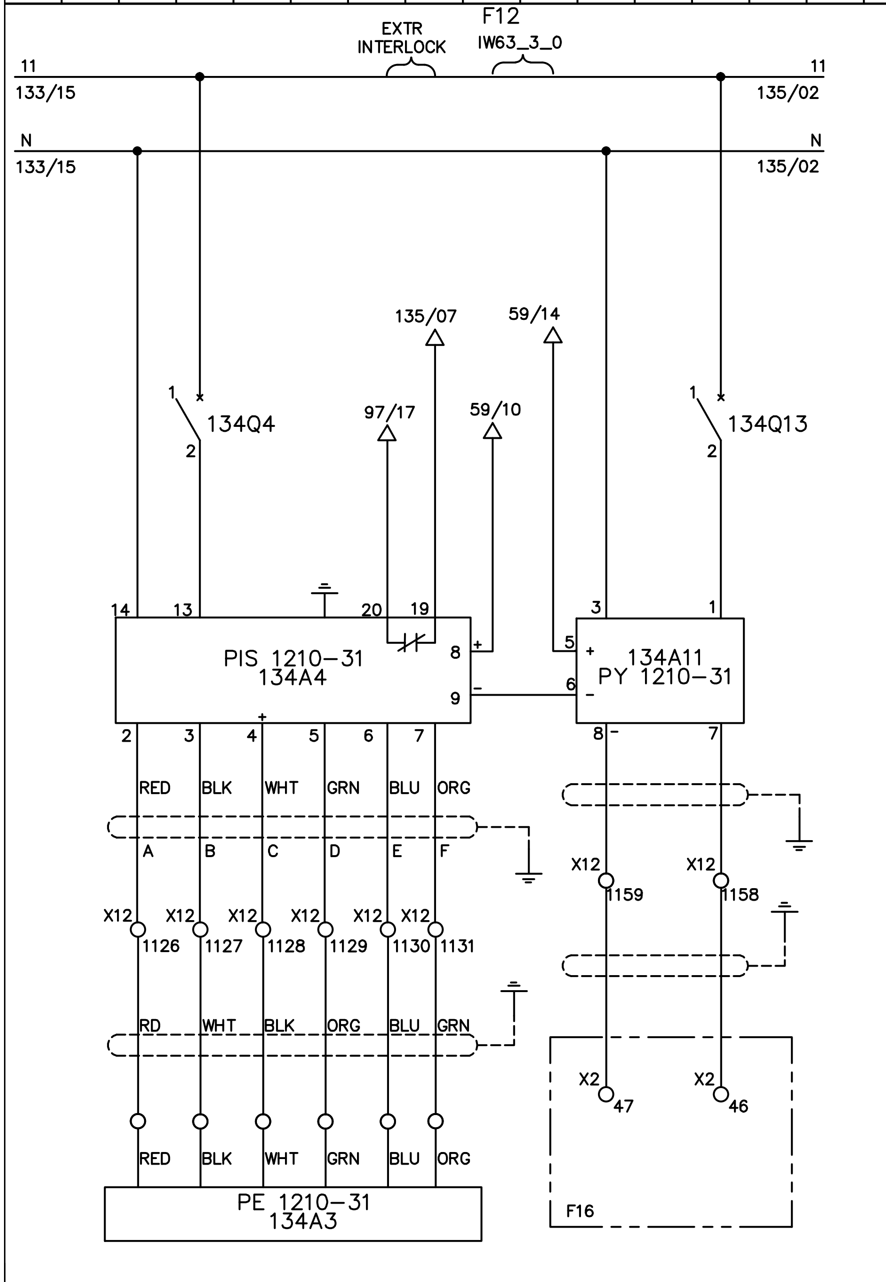
Action Pak 4380

1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT





INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT PRESSURE BEFORE DIE PE 1250-03 (P516, 0-3000PSI)				DRAWING DESCRIPTION	KF023	Page # 133
							Total
DRAWN BY Charlie Zhang		1	130/07 Normal Close	Edwin Lee	06/17/20	DRAWING NO.	MATERIAL
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE NONE UNIT MM

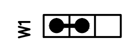


MARKS	DESIGNATION	MANUF ACTURER	SCALES
PE 1210-31	TPT463E	DYNISCO	B-345 bars
PIS 1210-31	UPR900	DYNISCO	4-20mA
PY 1210-31	4380	Action Pak	4-20mA

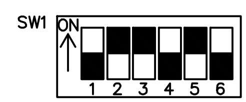
MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

Action Pak 4380

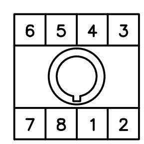
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT

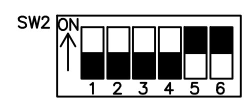


Input Current



Input 20mA





Output 4~20mA

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

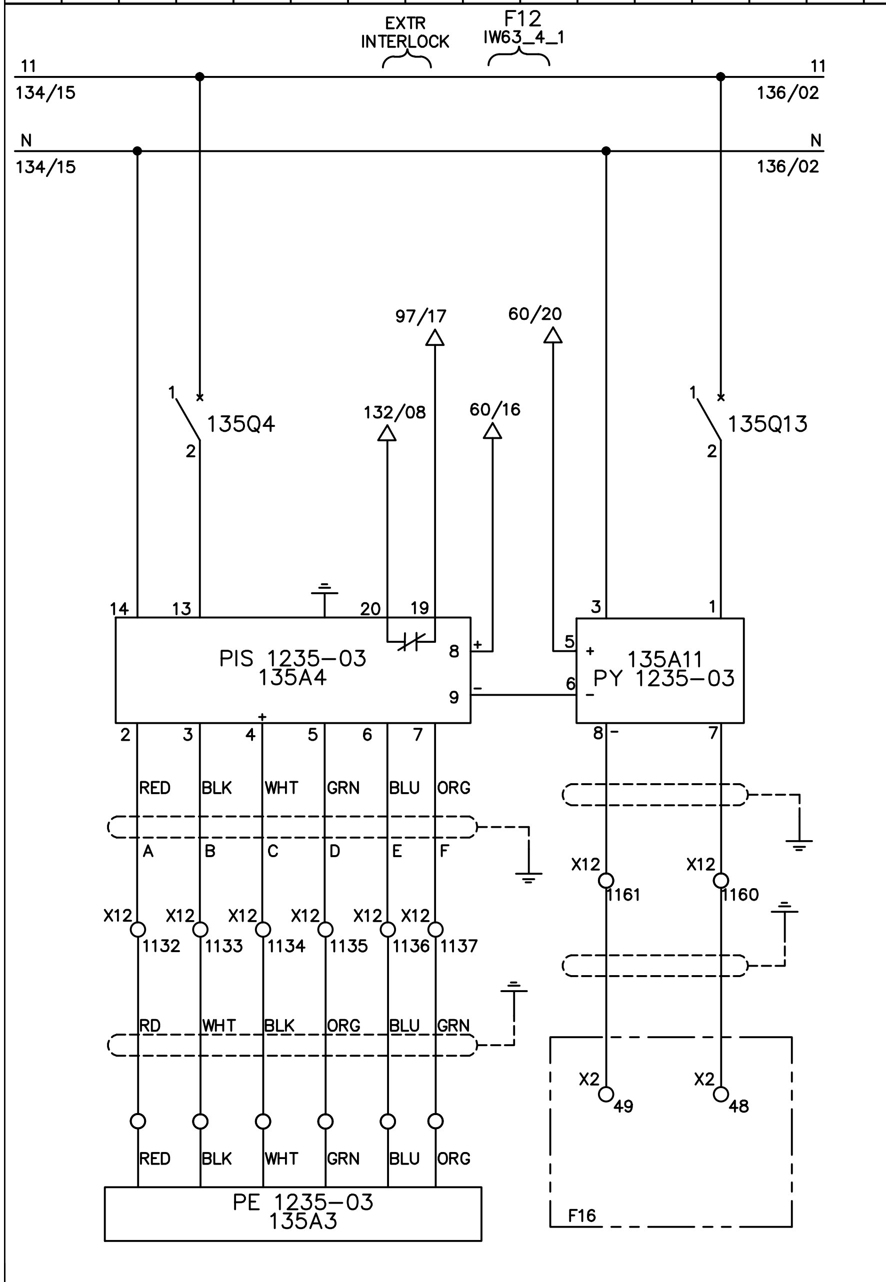
DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

Line1 MELT PRESSURE AFTER SAT.1
PE 1210-31 (P501, 0-5000PSI)

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	130/07 Normal Close	Edwin Lee	06/17/20

DRAWING DESCRIPTION	KF023	Page #	134
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	10/15/2018	SCALE NONE	UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

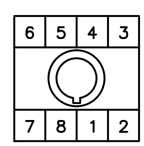


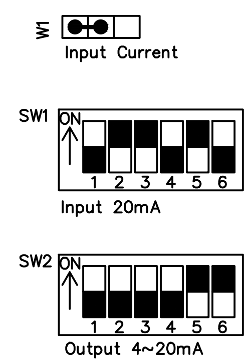
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1235–03	TPT463E	DYNISCO	B–207 bars
PIS 1235–03	UPR900	DYNISCO	4–20mA
PY 1235–03	4380	Action Pak	4–20mA

MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(–)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(–)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(–)	5	22	9		CURRENT(–)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

Action Pak 4380

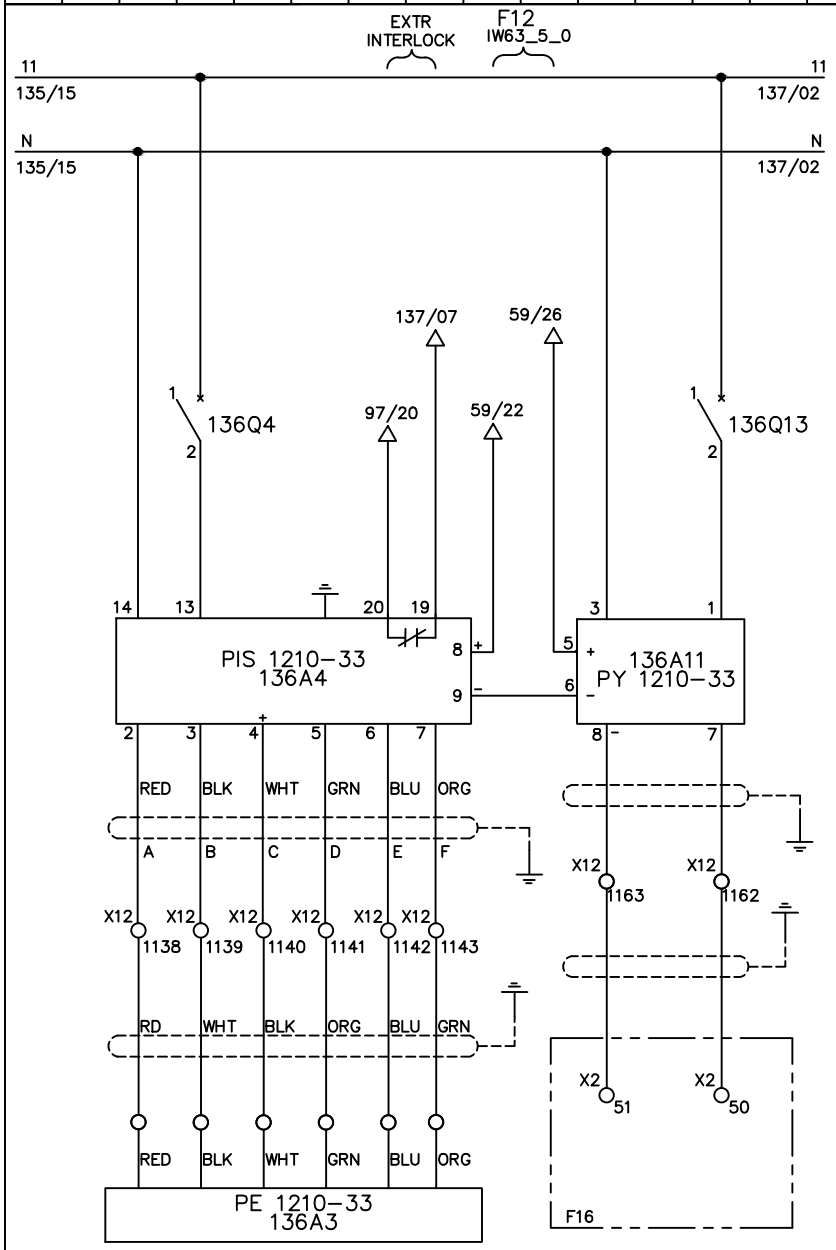
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: – INPUT
7: + OUTPUT
8: – OUTPUT





01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 MELT PRESSURE BEFORE DIE PE 1235–03 (P503, 0–3000PSI)				DRAWING DESCRIPTION	KF023	Page #	135
								Total	
DRAWN BY	Charlie Zhang		1	130/07 Normal Close	Edwin Lee	06/17/20	DRAWING NO.	MATERIAL	
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE NONE	UNIT MM

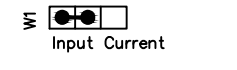


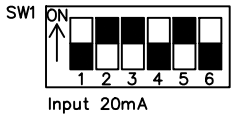
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1210-33	TPT463E	DYNISCO	B-345 bars
PIS 1210-33	UPR900	DYNISCO	4-20mA
PY 1210-33	4380	Action Pak	4-20mA

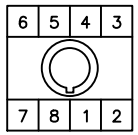
MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

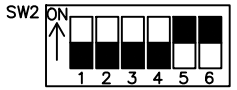
Action Pak 4380

1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT

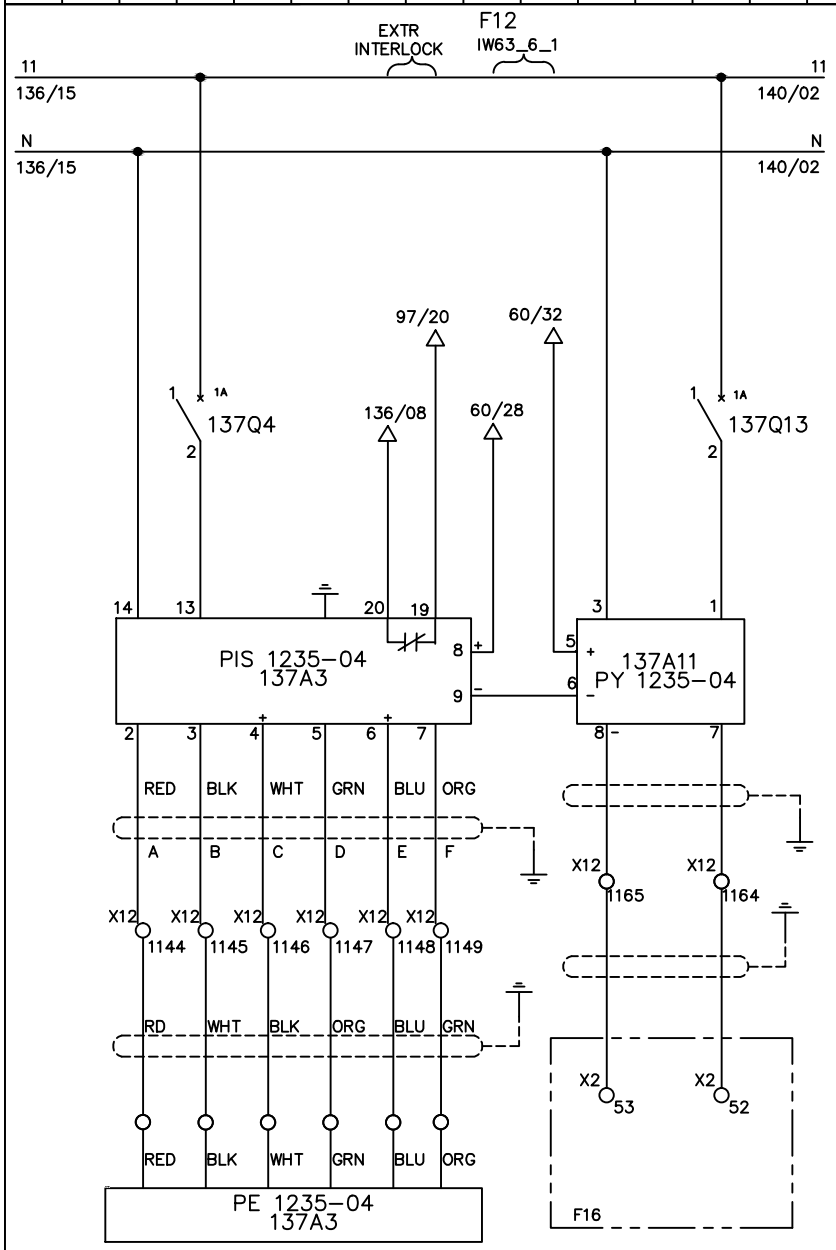








INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT PRESSURE AFTER SAT.2 PE 1210-33 (P505, 0-5000PSI)			DRAWING DESCRIPTION	KF023	Page #	136
						Total	
DRAWN BY: Charlie Zhang	1	130/07 Normal Close	Edwin Lee	06/17/20	DRAWING NO.	MATERIAL	
CHECKED BY: VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE: NONE	UNIT: MM

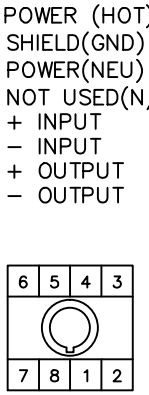


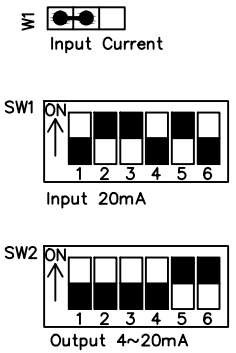
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1235-04	TPT463E	DYNISCO	B-207 bars
PIS 1235-04	UPR900	DYNISCO	4-20mA
PY 1235-04	4380	Action Pak	4-20mA

MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

Action Pak 4380

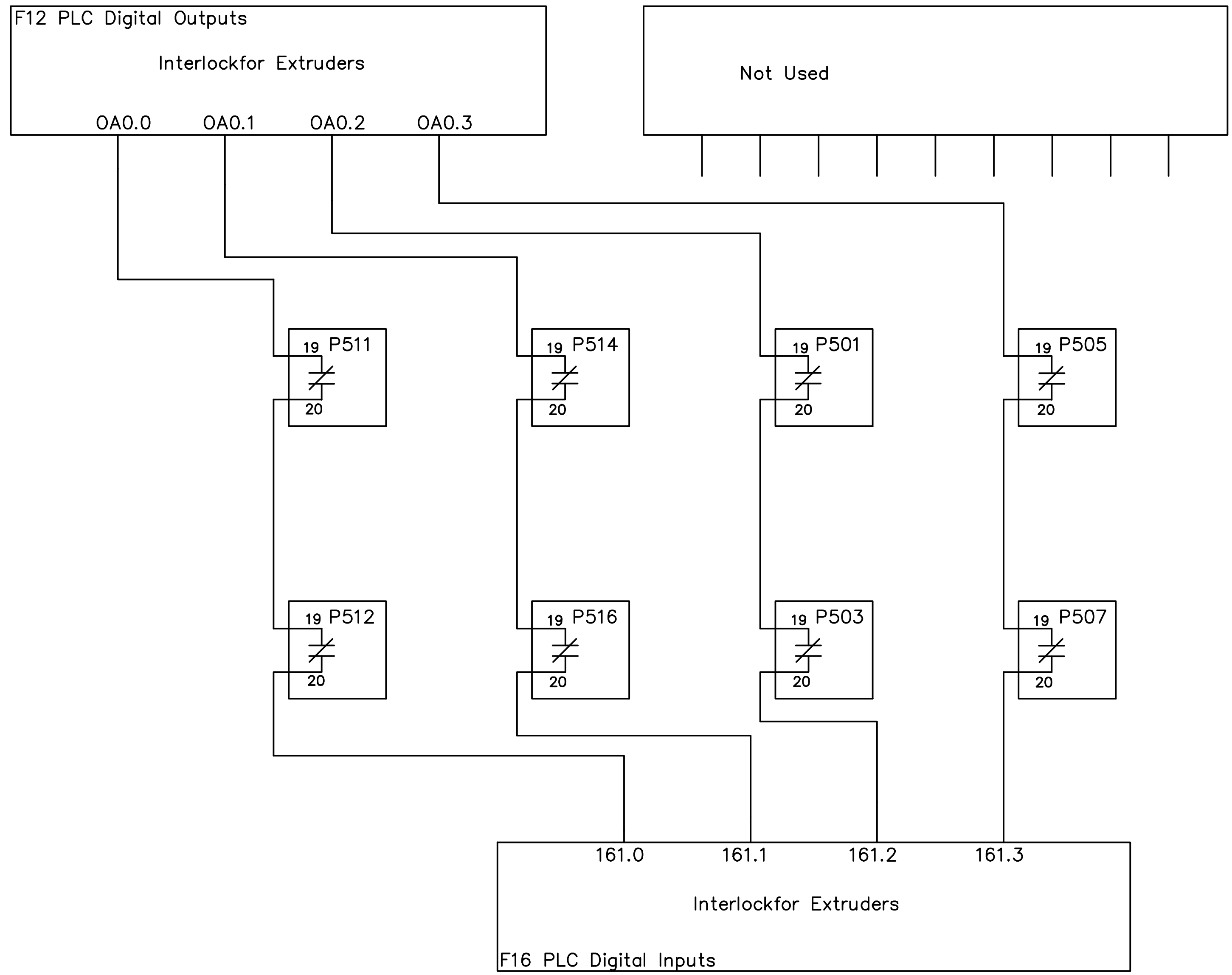
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT





INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT PRESSURE SAT.2 BEFORE DIE PE 1235-04 (P507, 0-3000PSI)				DRAWING DESCRIPTION	KF023	Page # 137
							Total
DRAWN BY Charlie Zhang		1	130/07 Normal Close	Edwin Lee	06/17/20	DRAWING NO.	MATERIAL
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE NONE UNIT MM

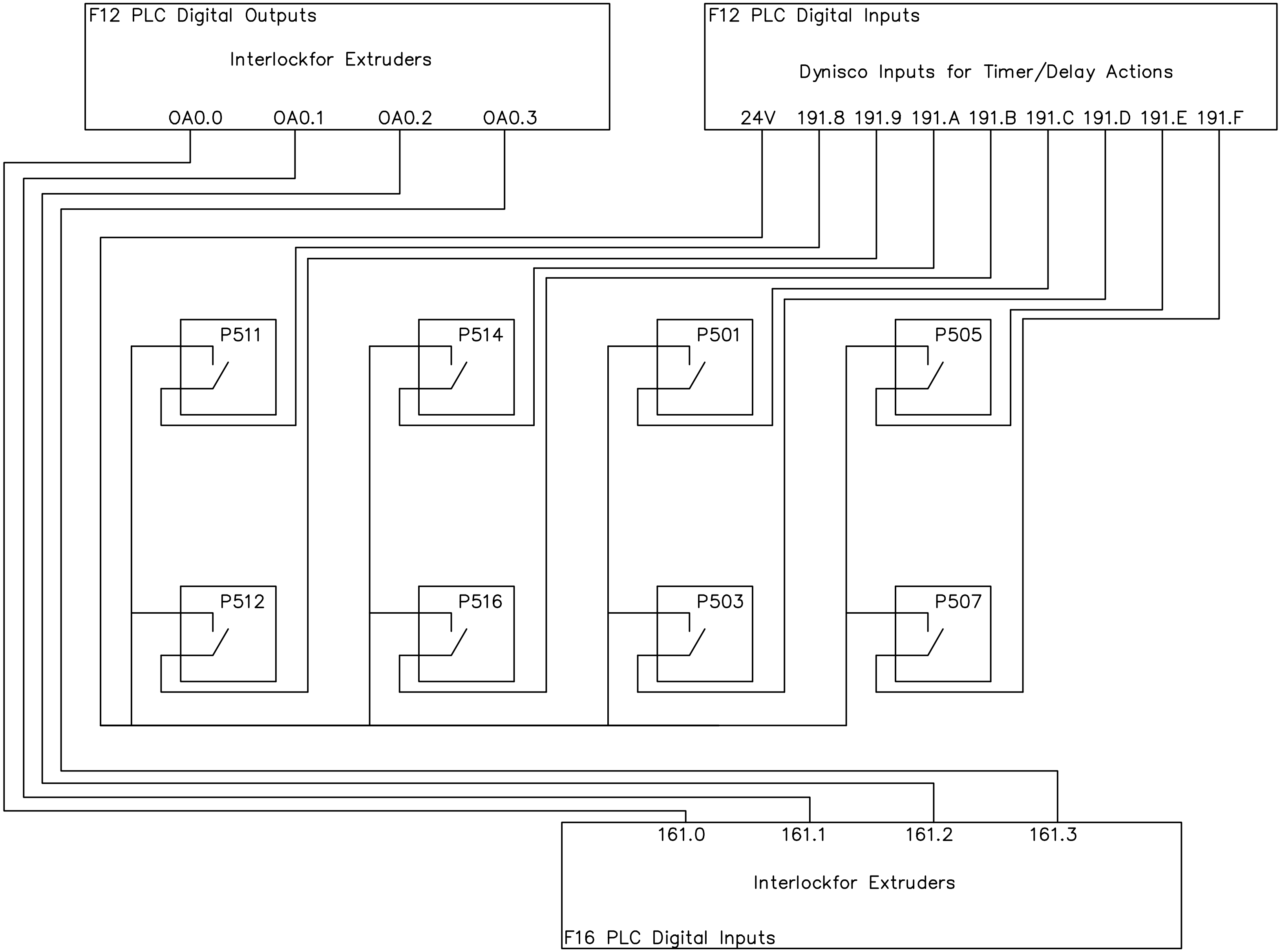
01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34



01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34

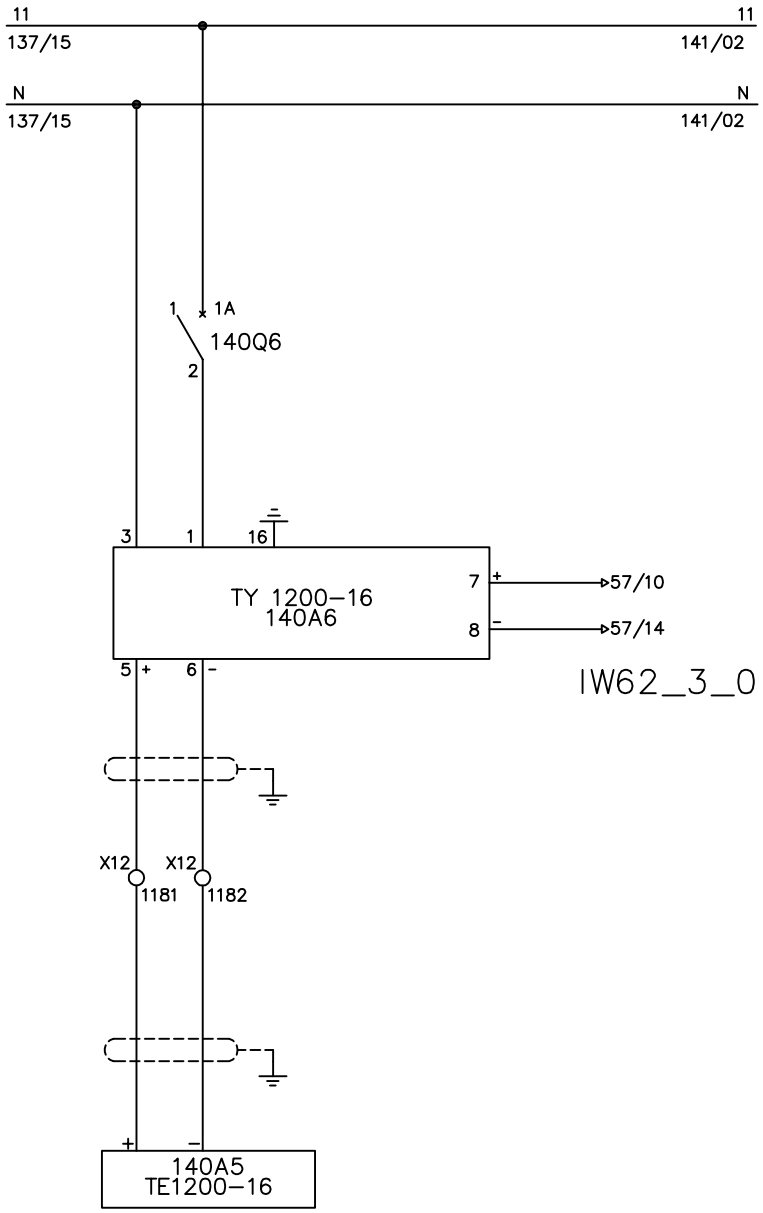
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 FREE					DRAWING DESCRIPTION	KF023	Page #	138
									Total	
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/31/2018	SCALE NONE	UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34



01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 FREE					DRAWING DESCRIPTION	KF023	Page #	139
									Total	
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/31/2018	SCALE NONE	UNIT MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE –1200–16	TPT 463E	DYNISCO	TYPE J
TY –1200–16	4351	Action Pak	0–300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL – : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0–300 deg.C TYPE J

OUTPUT 4–20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

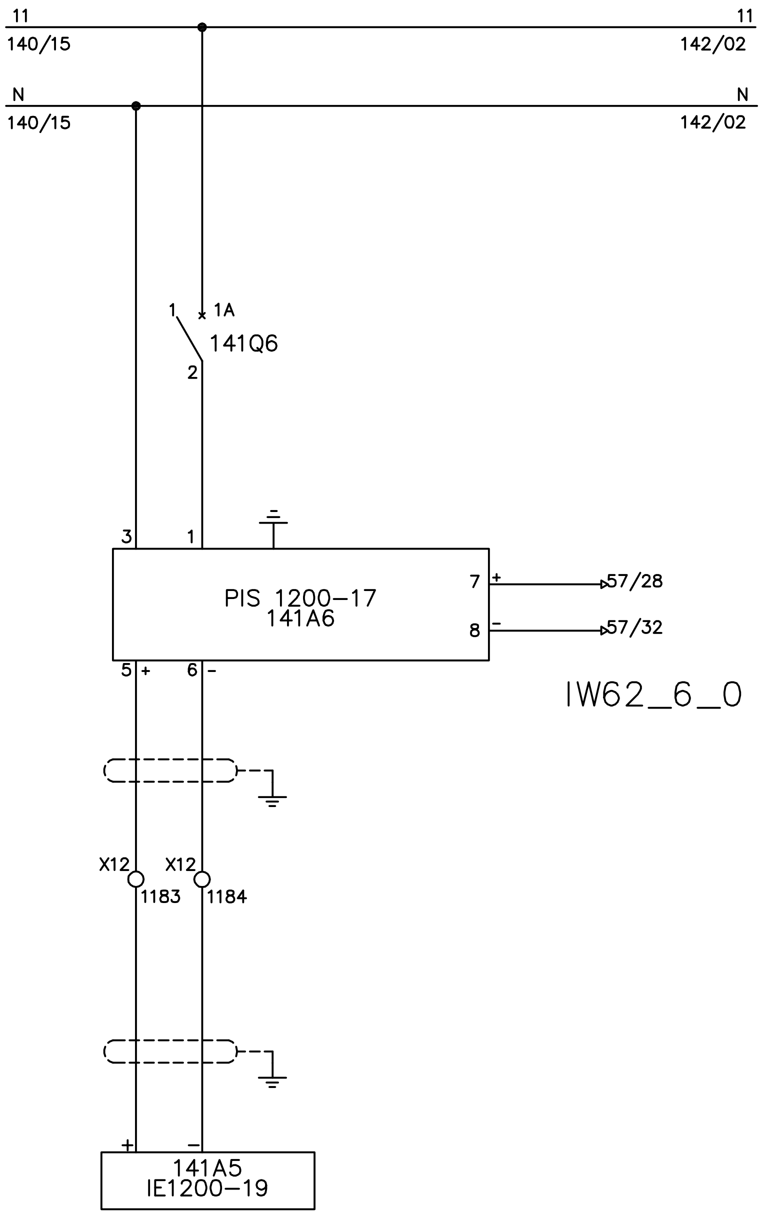
Line1 MELT TEMP . AFTER PRIMARY EXT.1 TE1200–16 (T510)

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1		Edwin Lee	06/17/20

DRAWING DESCRIPTION: KF012
DRAWING NO.:
DRAWN DATE: 10/15/2018

Page # 140
Total
MATERIAL
SCALE NONE UNIT MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE –1200–19	PT 462E	DYNISCO	TYPE J
TY –1200–19	4351	Action Pak	0–300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL – : WIRE BLACK (CONSTANATAN)

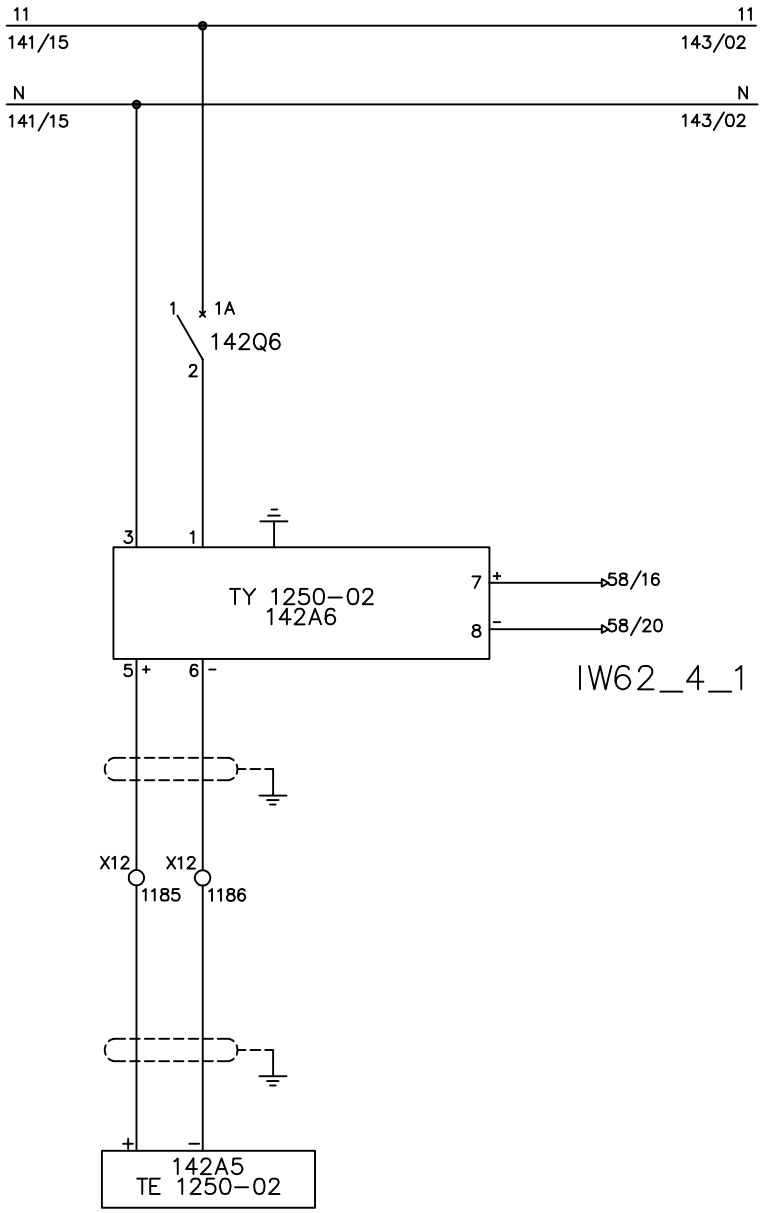
CONVERTER

INPUT 0–300 deg.C TYPE J

OUTPUT 4–20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 MELT TEMP . AFTER SEC.EXT. TE1200–19 (T513)				DRAWING DESCRIPTION	KF012	Page # 141
								Total
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.	MATERIAL
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE NONE UNIT MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1250-02	TPT 463E	DYNISCO	TYPE J
TY -1250-02	4351	Action Pak	0-300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

CONVERTER

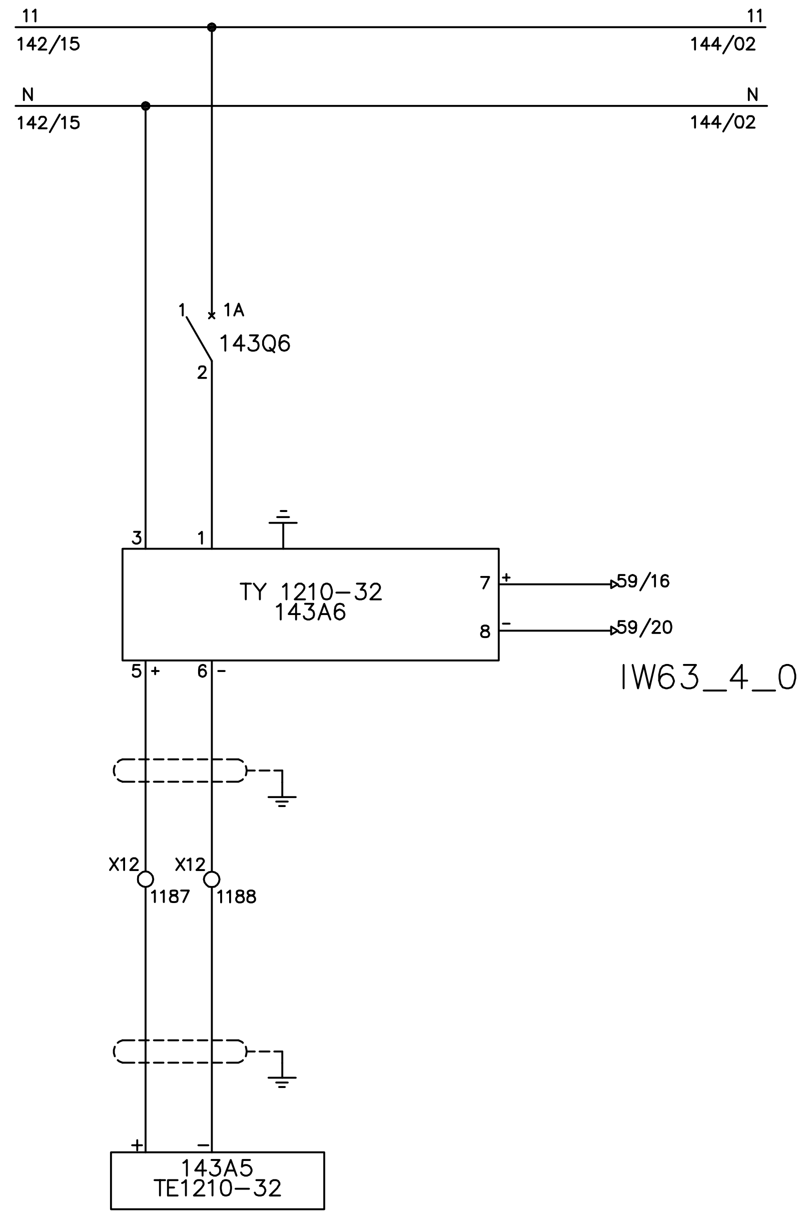
INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 MELT TEMP . BEFORE DIE TE1250-02 (T515)				DRAWING DESCRIPTION	KF012	Page #	142
								Total	
DRAWN BY	Charlie Zhang	1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE NONE	UNIT MM

01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1210-32	TPT 463E	DYNISCO	TYPE J
TY -1210-32	4351	Action Pak	0-300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

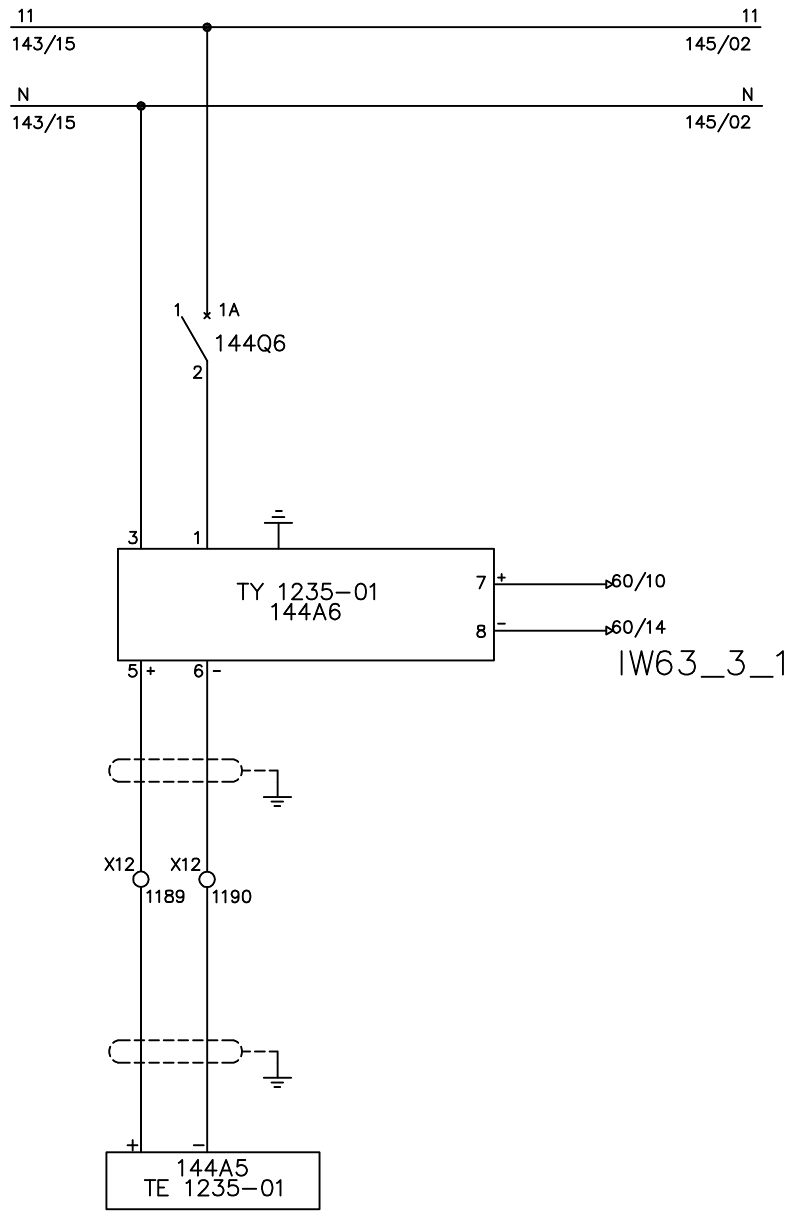
01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 MELT TEMP . AFTER SAT . EXT
.1 TE1210-32 (T500)

DRAWN BY	Charlie Zhang	1		Edwin Lee	06/17/20	DRAWING DESCRIPTION	KF012
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.	
						DRAWN DATE:	10/15/2018

Page #	143		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1235-01	TPT463E	GULTON	TYPE J
TY -1235-01	4351	Action Pak	0-300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

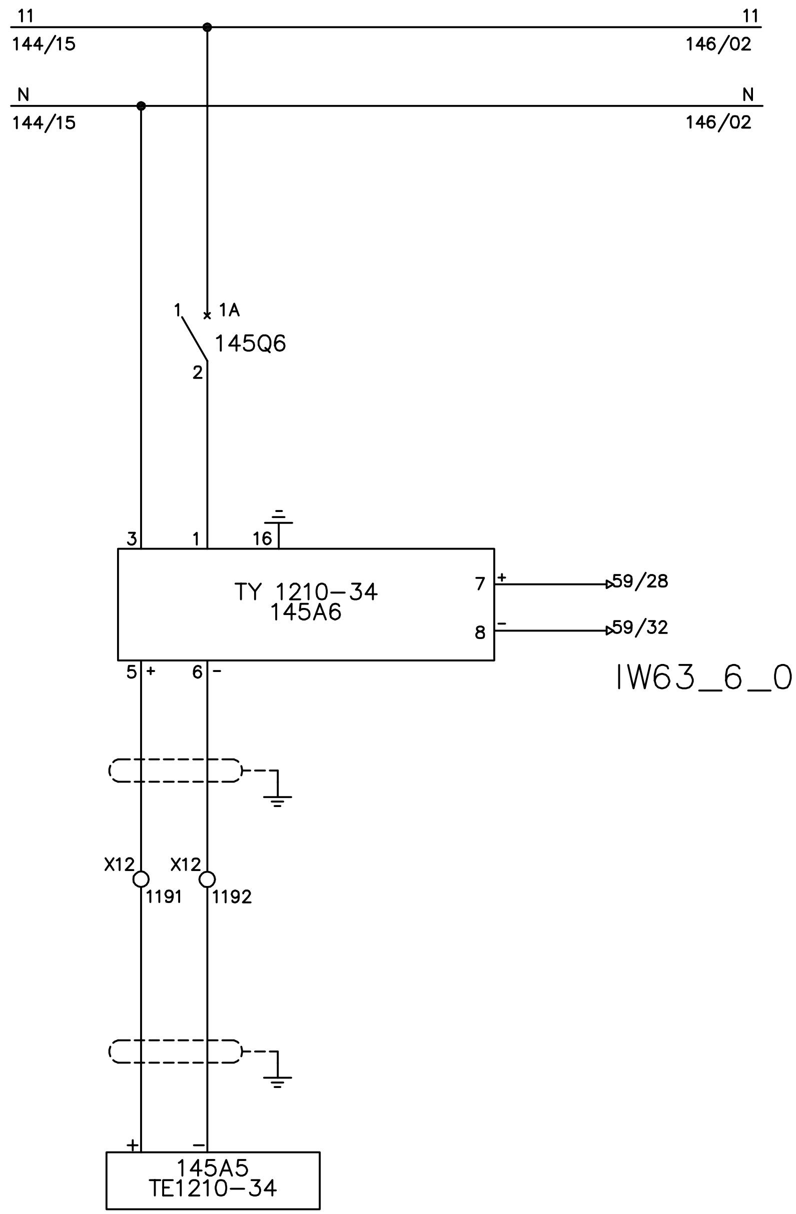
TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 MELT TEMPERATURE BEFORE DIE
TE1235-01 (T502)

DRAWN BY	Charlie Zhang	1		Edwin Lee	06/17/20	DRAWING DESCRIPTION	KF012
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.	
						DRAWN DATE:	10/15/2018

Page #	144		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE –1210–34	TPT 463E	DYNISCO	TYPE J
TY –1210–34	4351	Action Pak	0–300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL – : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0–300 deg.C TYPE J

OUTPUT 4–20 mA

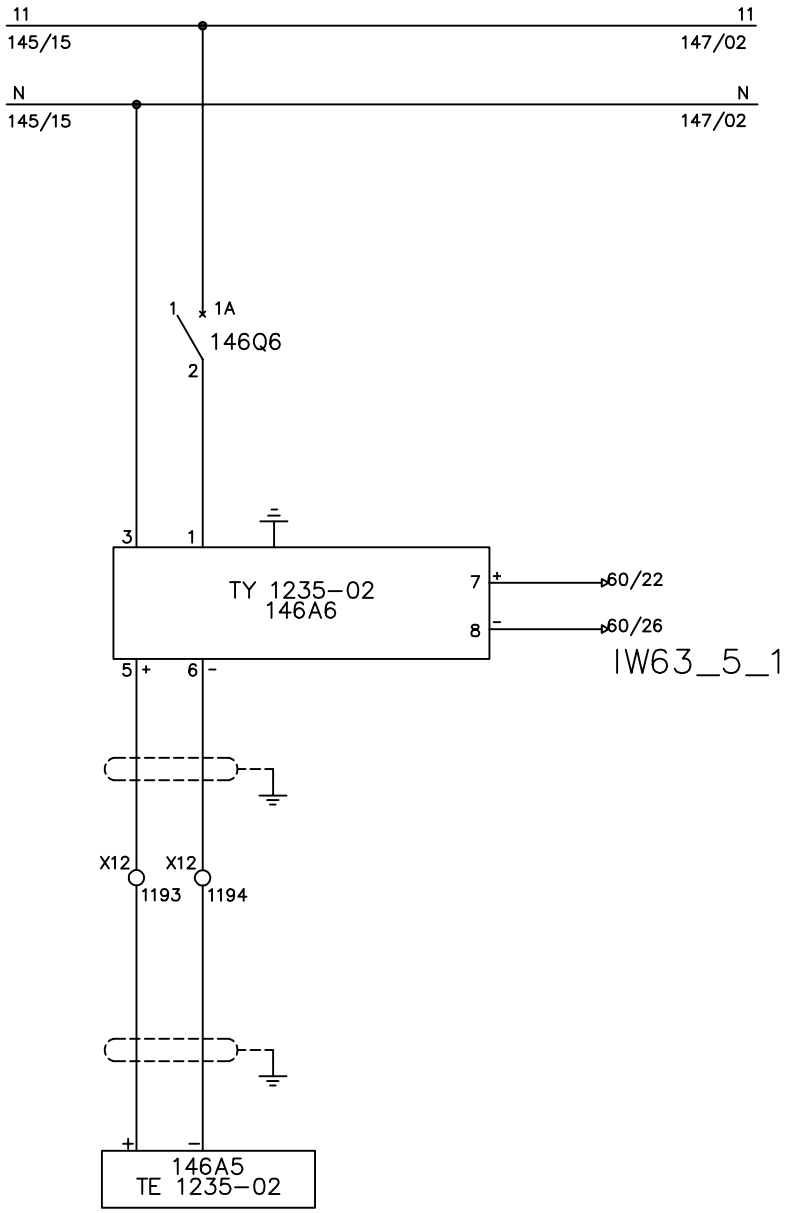
TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line1 MELT TEMP . AFTER SAT . EXT .
2 TE1210–34 (T504)

DRAWN BY	Charlie Zhang					DRAWING DESCRIPTION	KF023
CHECKED BY	VINCENT HUANG					Page #	145
						Total	
		1		Edwin Lee	06/17/20	DRAWING NO.	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018
						MATERIAL	
						SCALE	NONE
						UNIT	MM

MARKS	DESIGNATION	MANUF ACTURER	SCALES
TE −1235−02	TPT 463E	GULTON	TYPE J
TY −1235−02	4351	Action pak	0−300 C



JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL − : WIRE BLACK (CONSTANATAN)

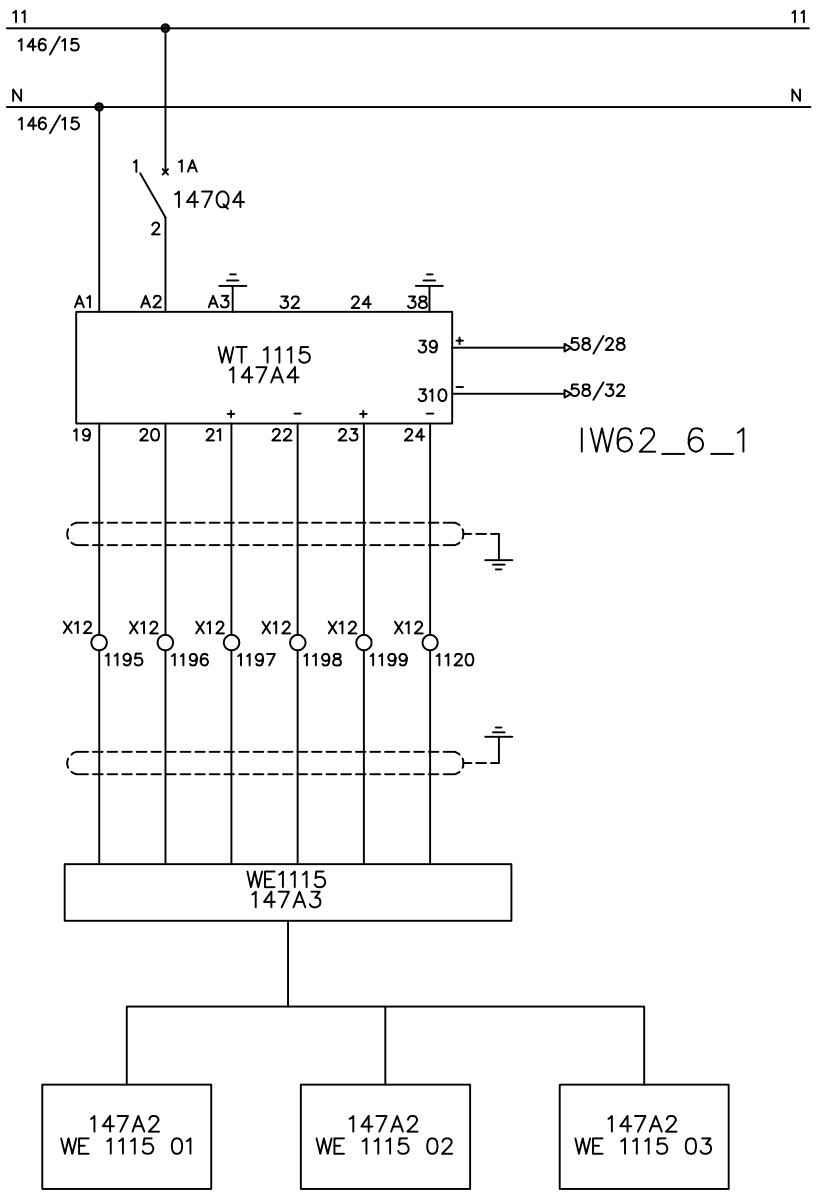
CONVERTER

INPUT 0−300 deg.C TYPE J

OUTPUT 4−20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 MELT TEMPERATURE BEFORE DIE TE1235−02 (T506)				DRAWING DESCRIPTION	KF012	Page #	146	
							Total		
DRAWN BY	Charlie Zhang	1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE	NONE UNIT MM



MARKS	DESIGNATION	MANUF ACTURER	SCALES
WE −1115 01	CAP 2500	PESAGE−PROMOTION	0−2500kg
WE −1115 02	CAP 2500	PESAGE−PROMOTION	0−2500kg
WE −1115 03	CAP 2500	PESAGE−PROMOTION	0−2500kg
WE −1115	BR 416	PESAGE−PROMOTION	
WT −1115	TRS 112	PESAGE−PROMOTION	

JUNCTION

TRS 112	BR 416
TERMINAL 19	TERMINAL 24
TERMINAL 20	TERMINAL 24
TERMINAL 21	TERMINAL 25
TERMINAL 22	TERMINAL 25
TERMINAL 23	TERMINAL 22
TERMINAL 24	TERMINAL 23
TERMINAL 25	TERMINAL 21 (SHIELDING)

FOR TRS 112

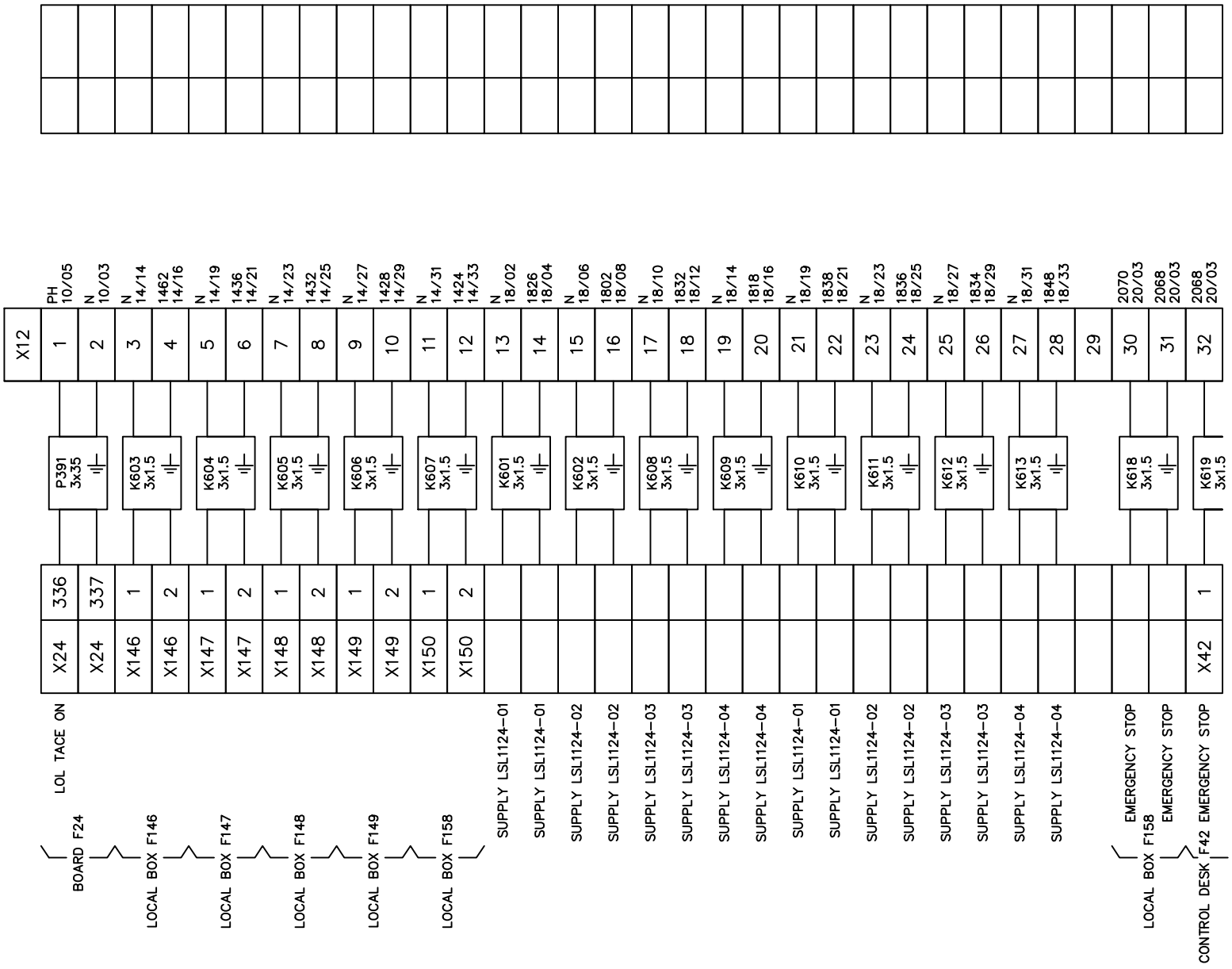
TAR : Lb

INPUT : NETT WEIGHT : Lb

OUTPUT : SIGNAL 4−20 mA

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line1 WEIGHING DEVICE WT 1115 (R200)				DRAWING DESCRIPTION	KF023	Page # 147
							Total
DRAWN BY Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.	MATERIAL
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 1-32				DRAWING DESCRIPTION	KF023 F12	Page #	170	
DRAWN BY: LEO TSAI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE	NONE	UNIT MM

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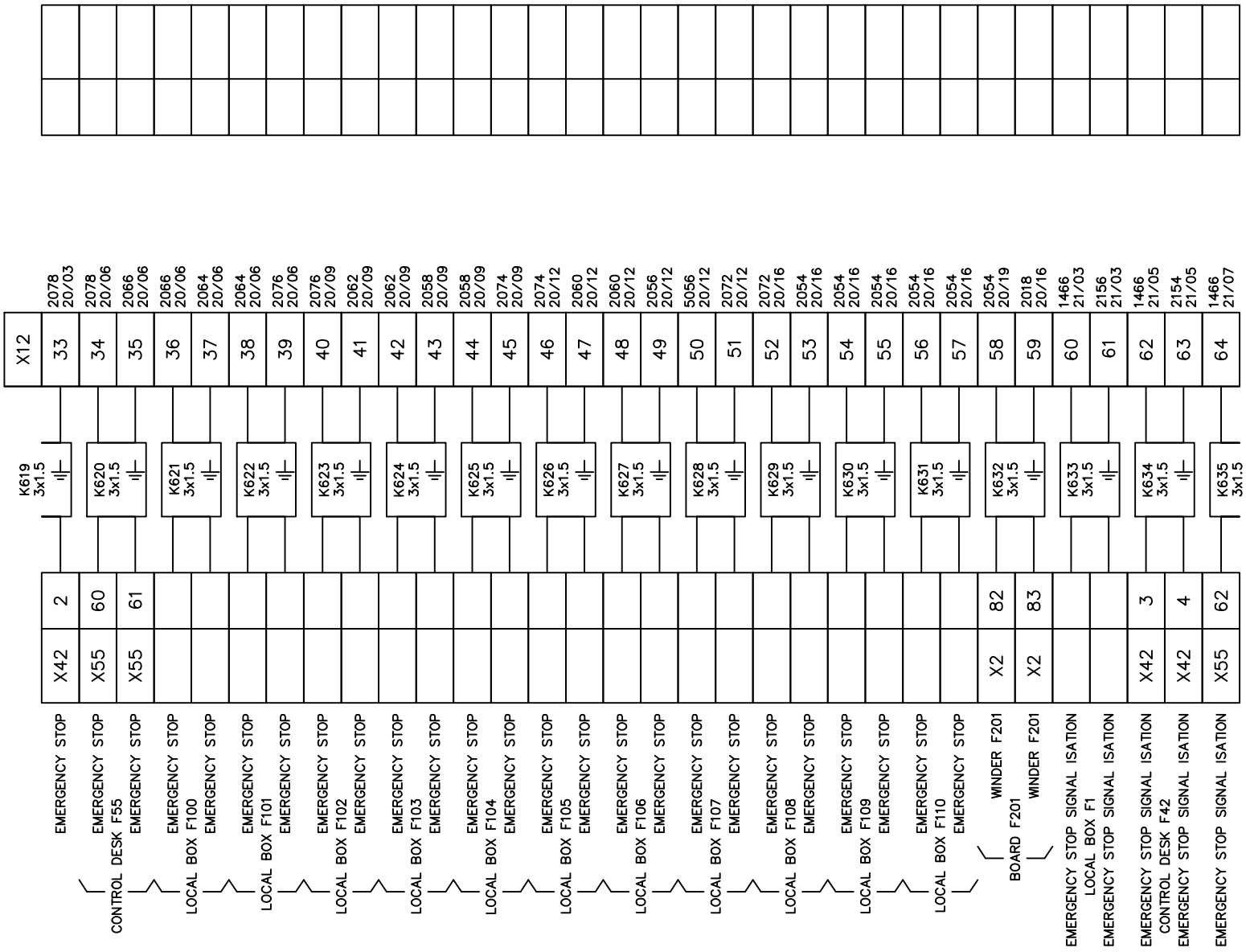
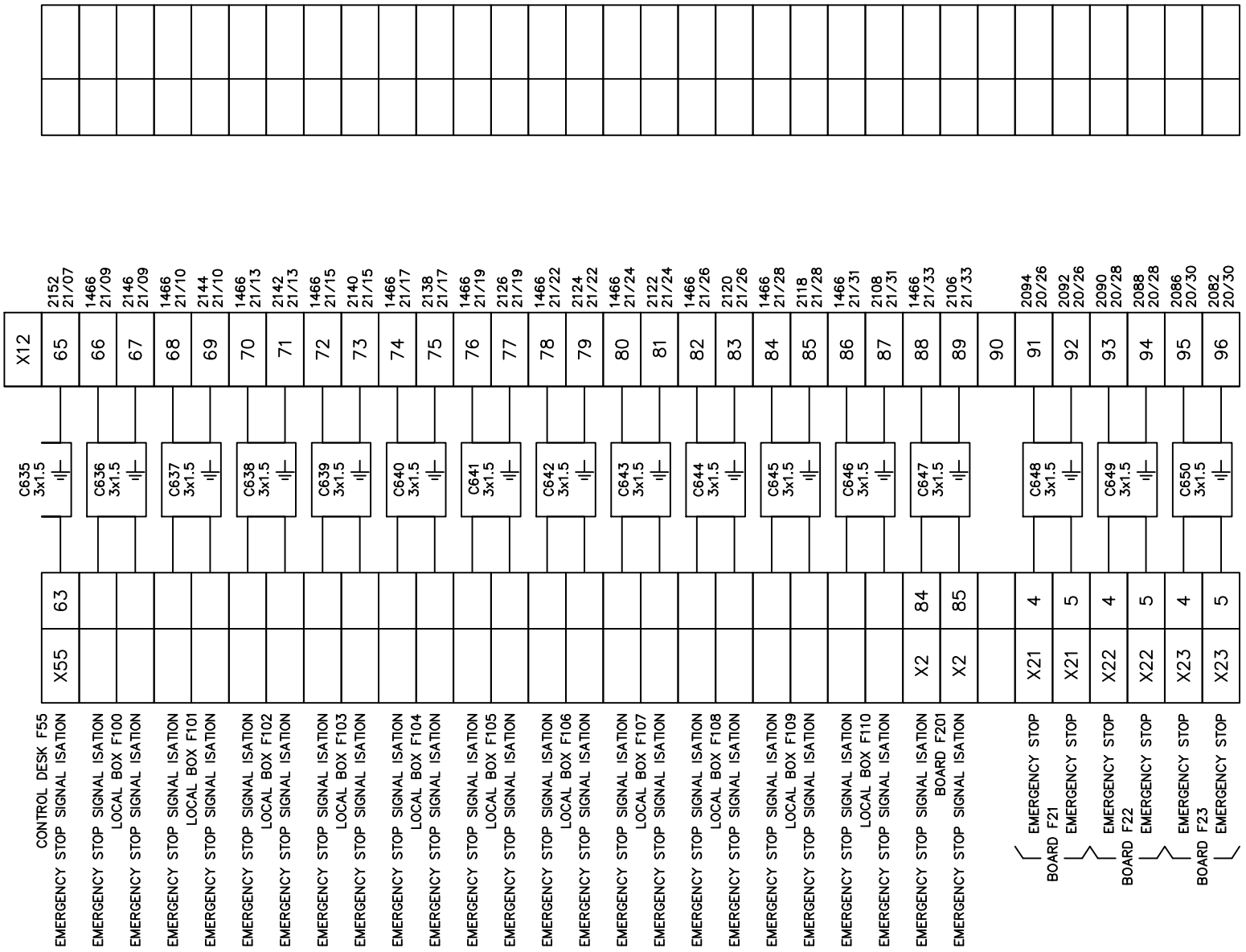


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 33–64				DRAWING DESCRIPTION	KF023 F12	Page #	171	
DRAWN BY: LEO TSAI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

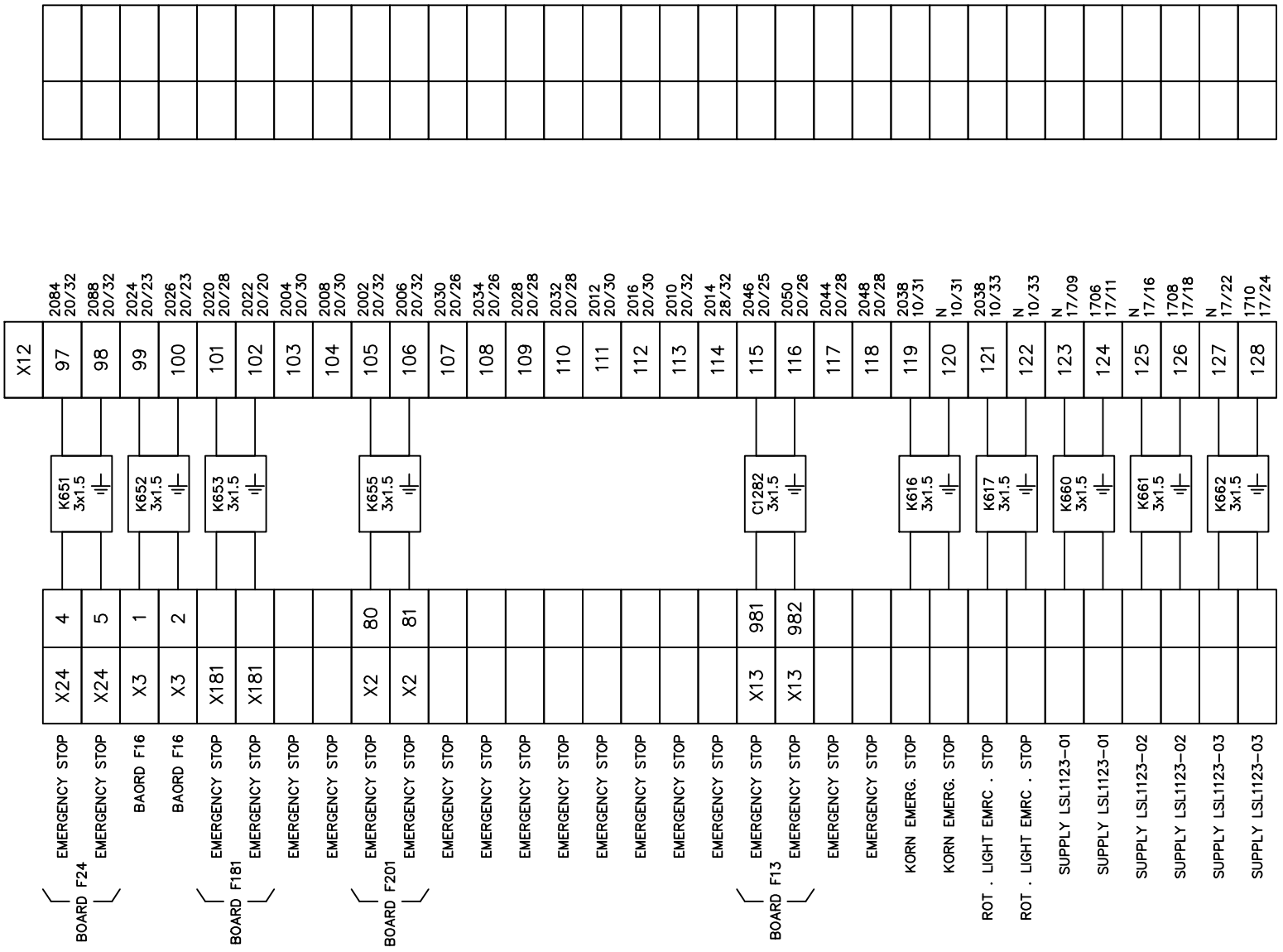


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.					DRAWING DESCRIPTION	KF023 F12	Page # 172
							Total
DRAWN BY LEO TSAI					DRAWING NO.		MATERIAL
CHECKED BY VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012		SCALE NONE UNIT MM

TERMINAL BLOCKS X12 65-96

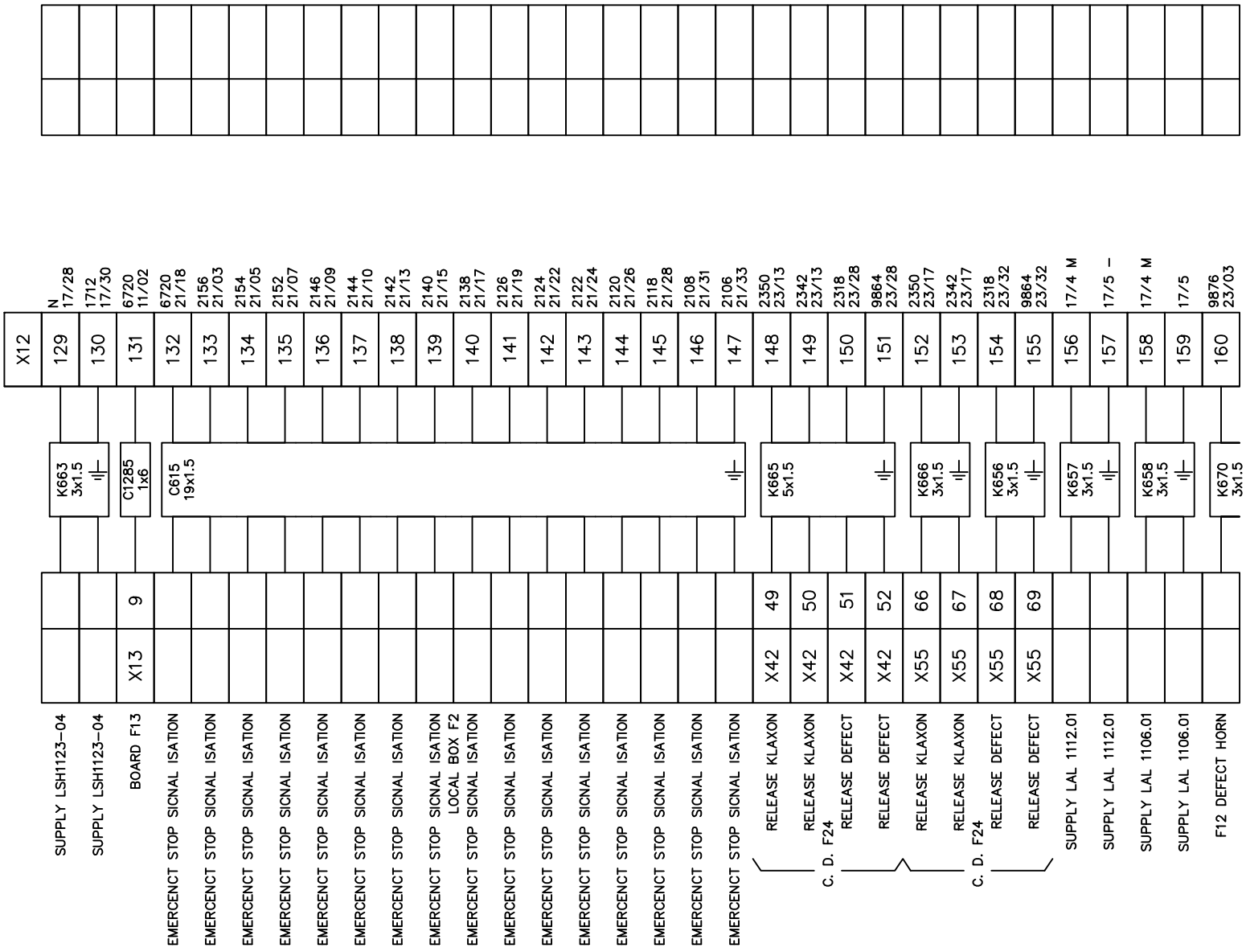
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 97–128					DRAWING DESCRIPTION	KF023 F12	Page #	173
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE: NONE	UNIT: MM

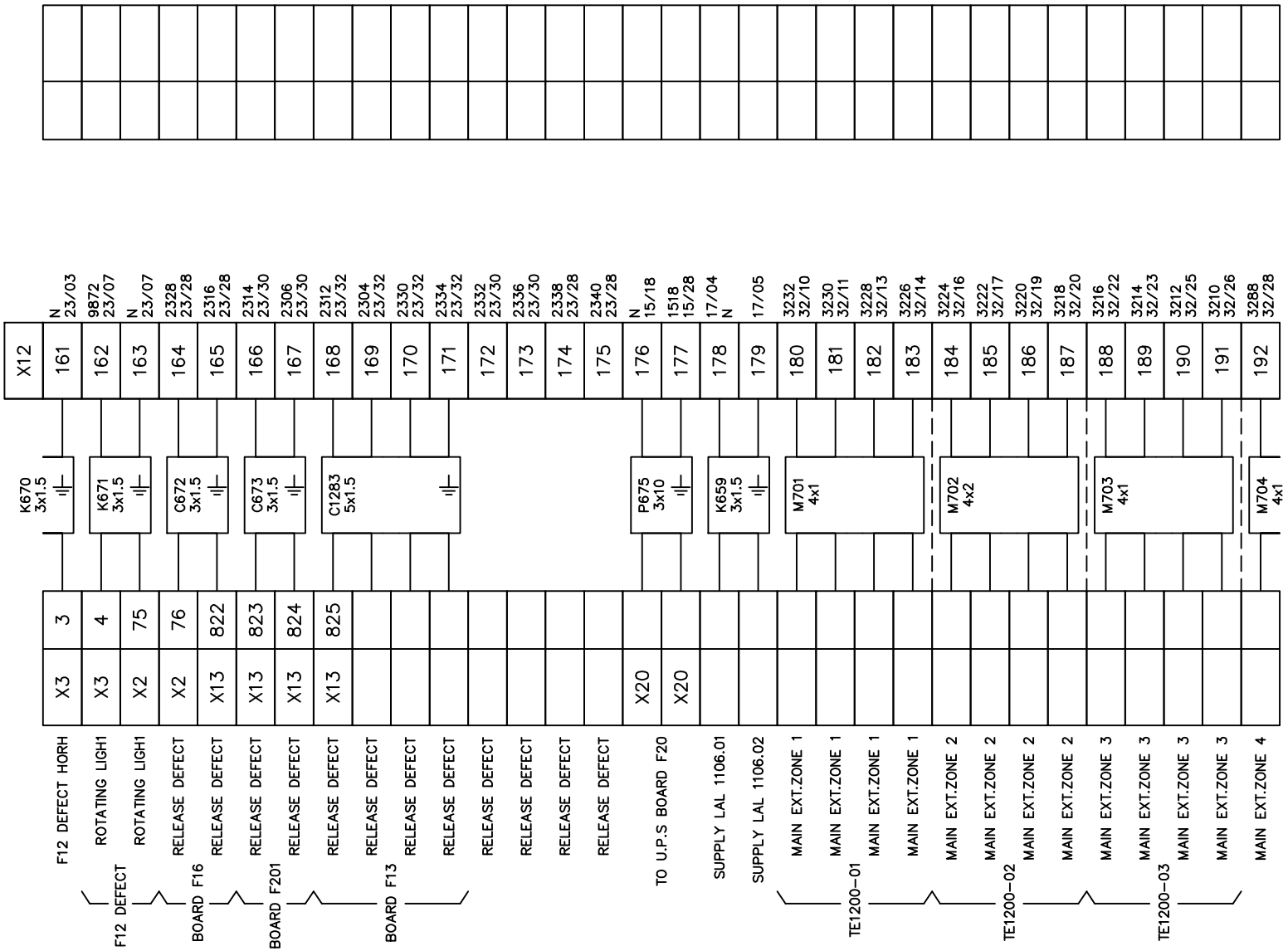
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 129–160				DRAWING DESCRIPTION	KF023 F12	Page #	174	
DRAWN BY: LEO TSAI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012	SCALE	NONE	UNIT MM

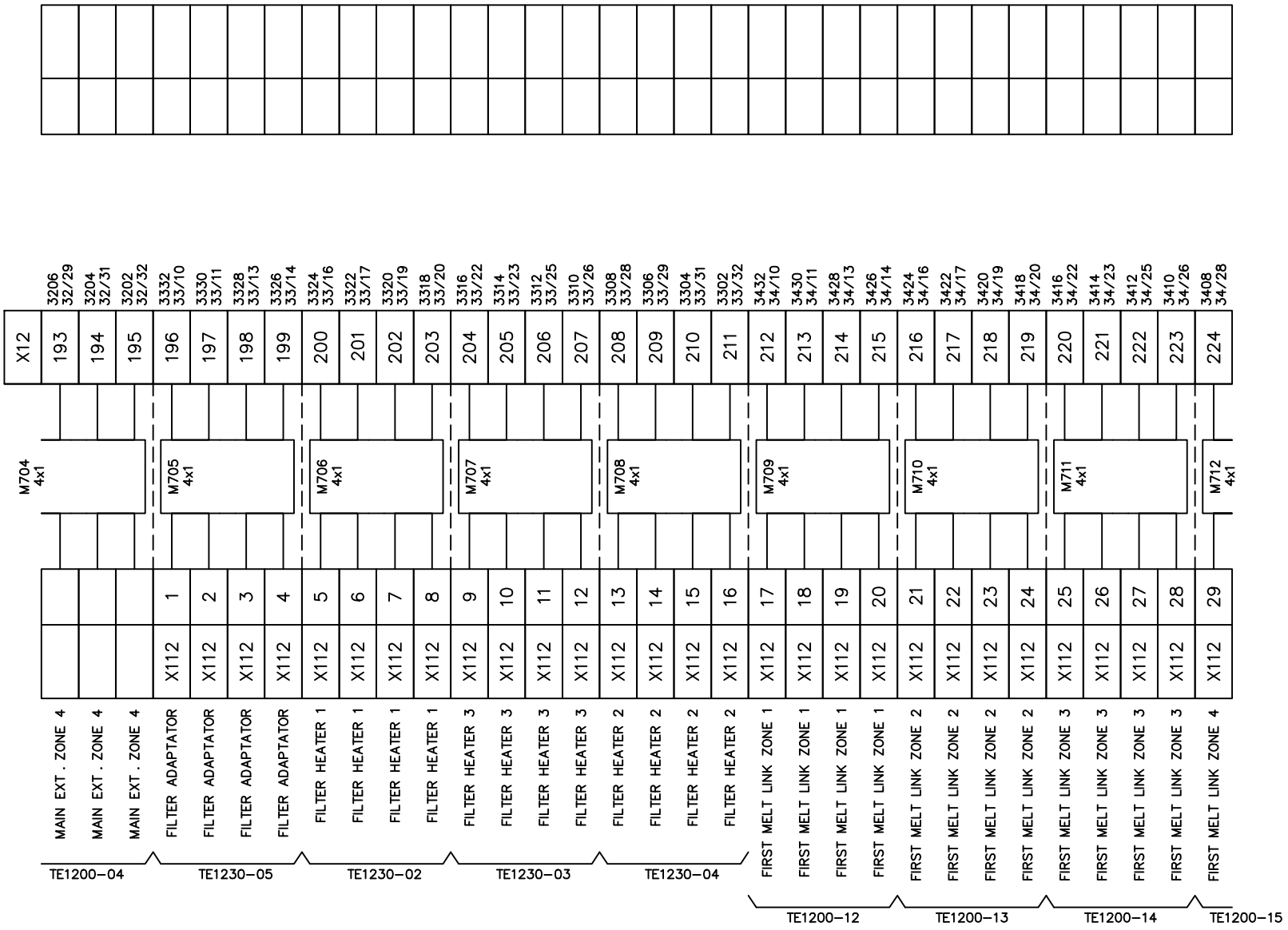
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

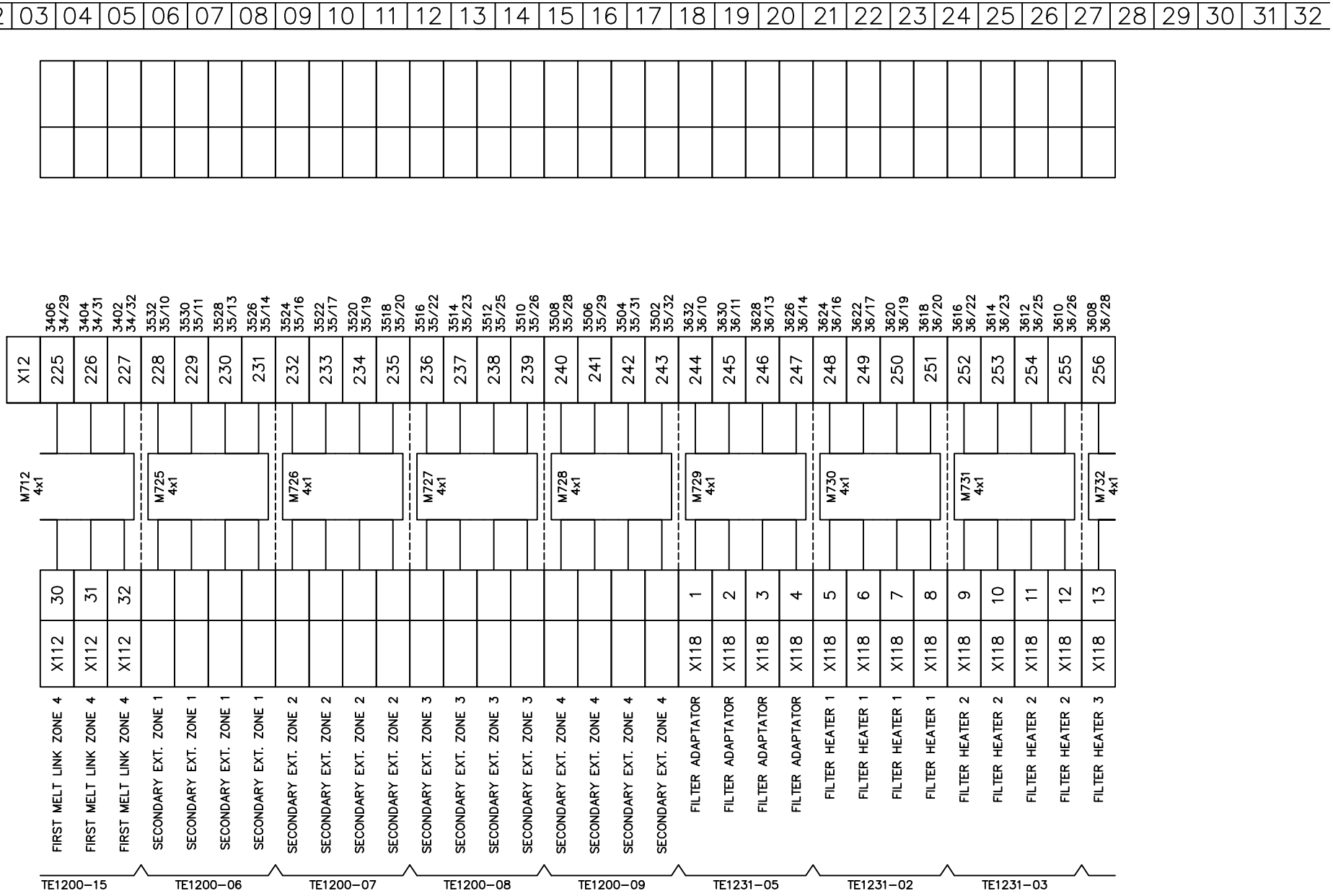
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 161–192					DRAWING DESCRIPTION	KF023 F12	Page #	175
								Total	
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 193-224				DRAWING DESCRIPTION	KF023 F12	Page #	176	
DRAWN BY: LEO TSAI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE	NONE	UNIT MM



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

TERMINAL BLOCKS X12 225–256

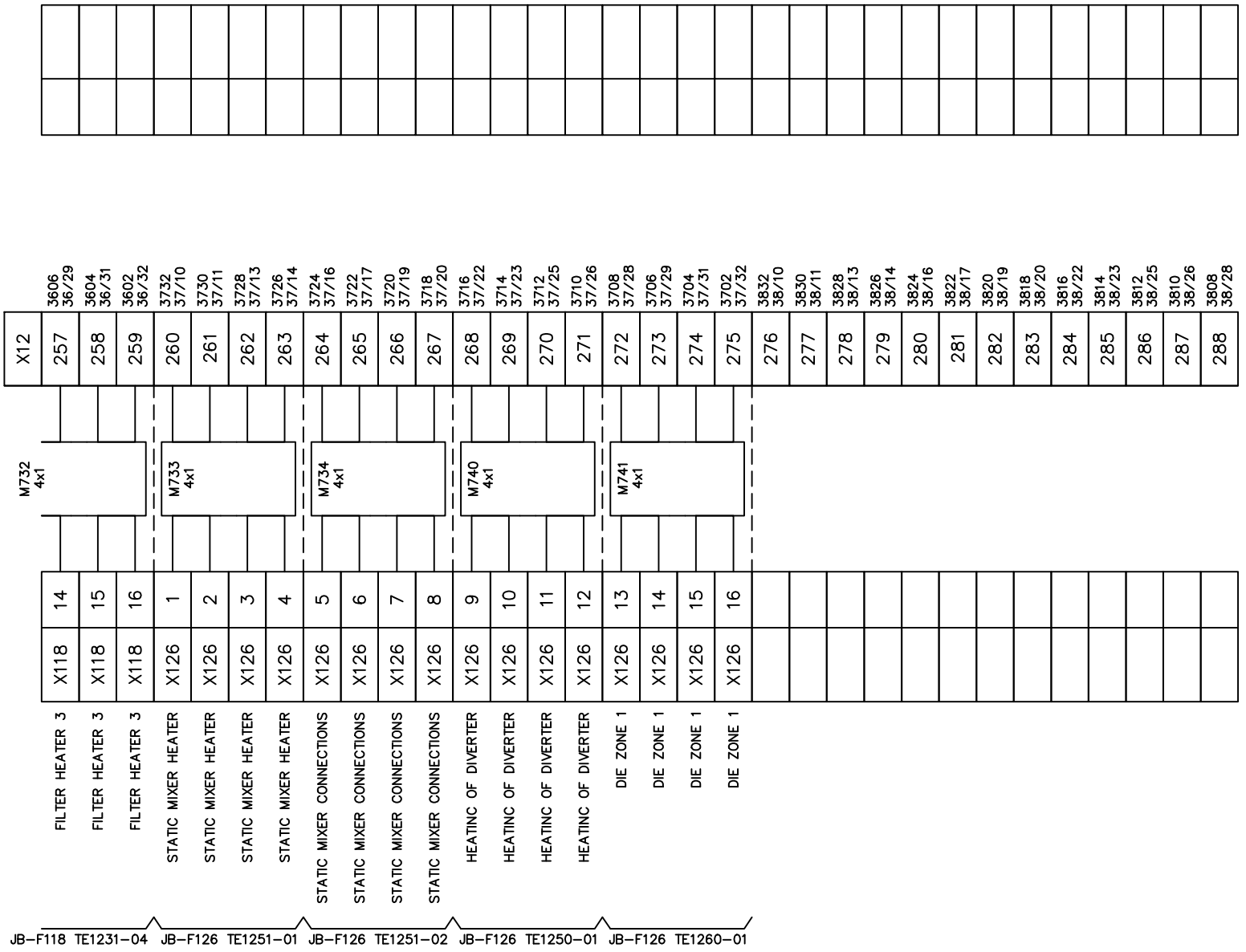
DRAWN BY	LEO TSAI
CHECKED BY	VINCENT HUANG

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE

DRAWING DESCRIPTION	KF023 F12
DRAWING NO.	
DRAWN DATE:	02-24-2012

Page #	177
Total	
MATERIAL	
SCALE	NONE
UNIT	MM

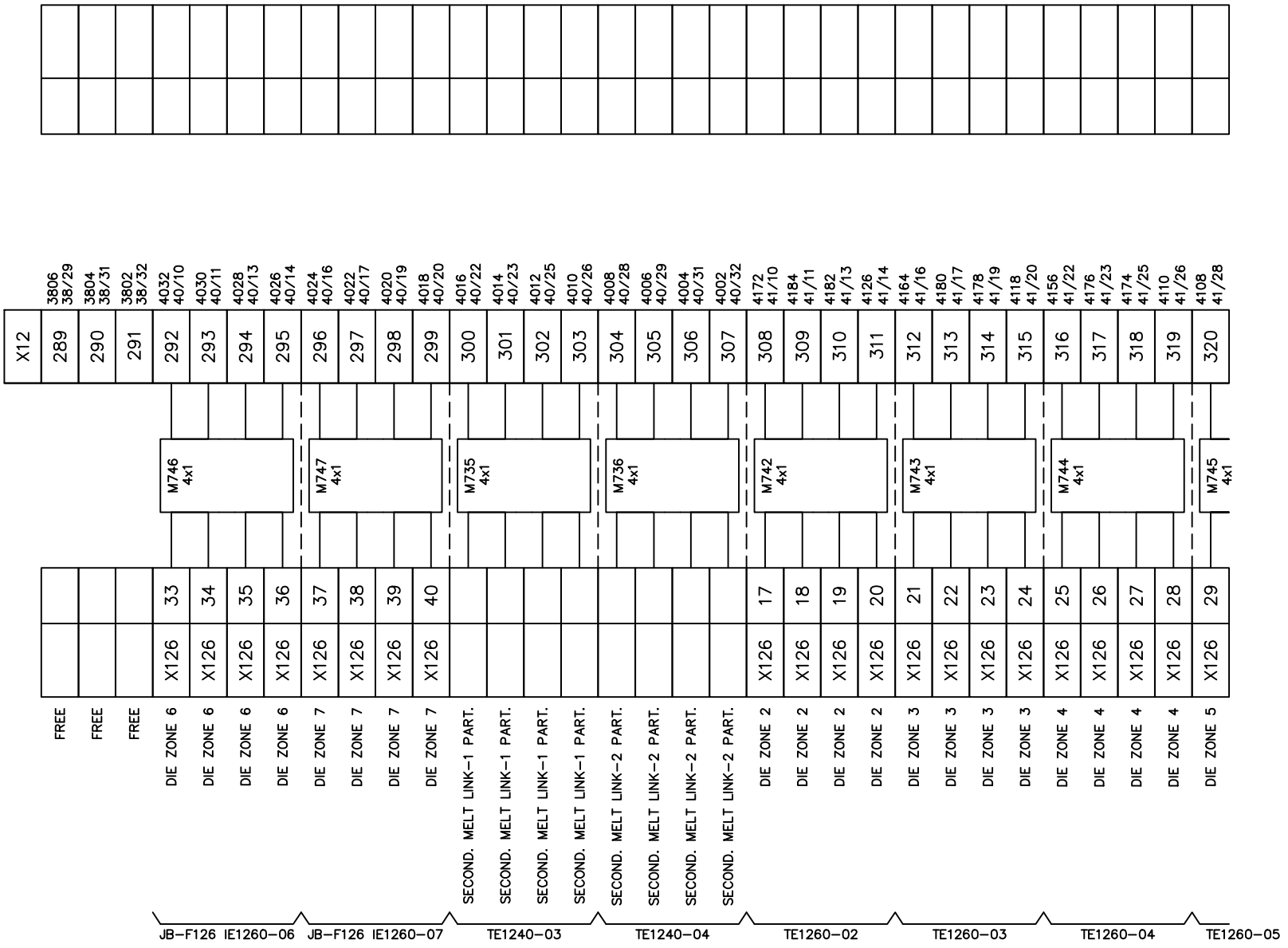
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 257-288					DRAWING DESCRIPTION	KF023 F12	Page #	178
								Total	
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012		SCALE NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 289-320					DRAWING DESCRIPTION	KF023 F12	Page #	179
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE: NONE	UNIT: MM

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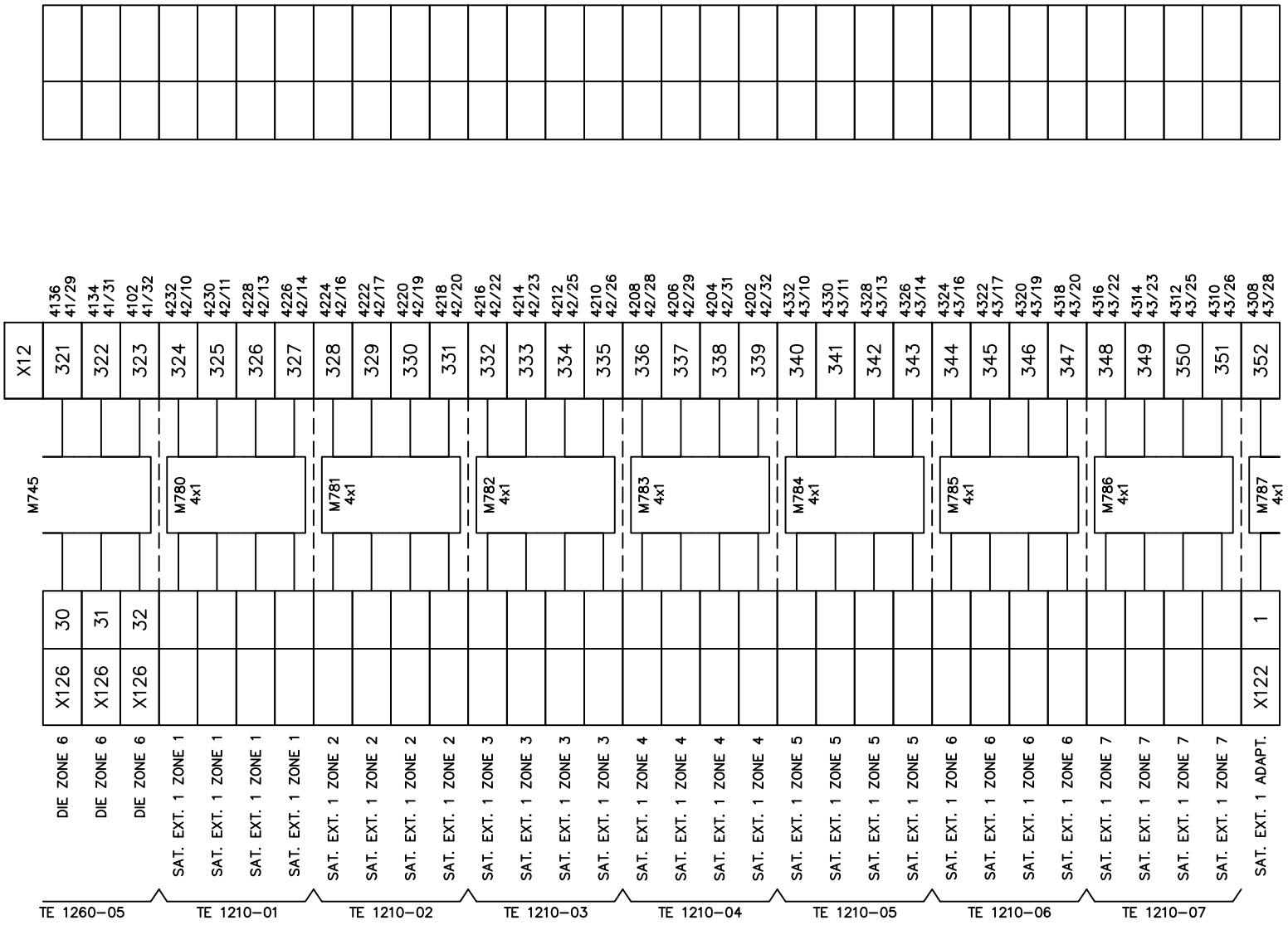

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 321-352					DRAWING DESCRIPTION	KF023 F12	Page #	180
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE: NONE	UNIT: MM

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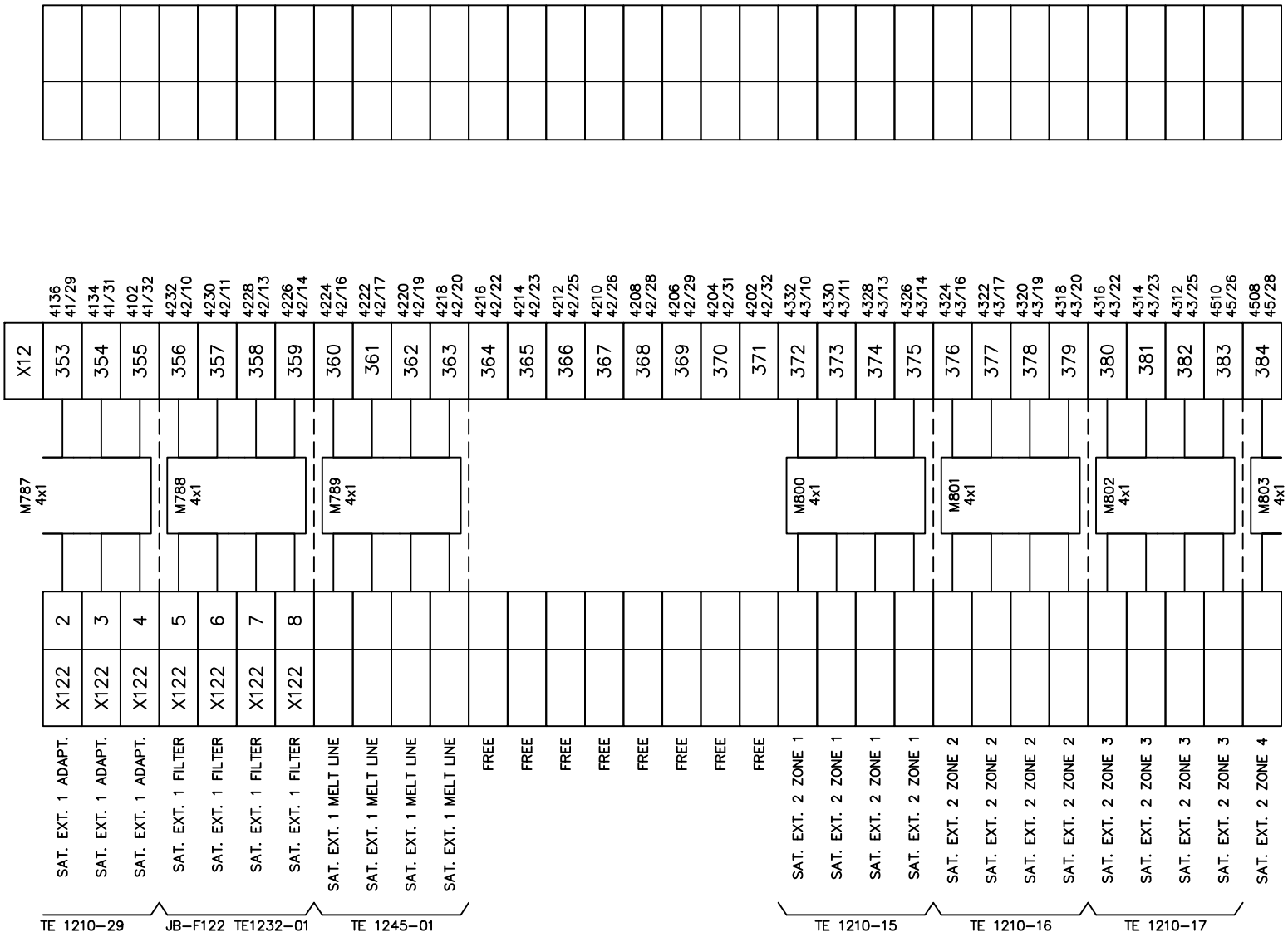

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 353-384				DRAWING DESCRIPTION	KF023 F12	Page #	181	
DRAWN BY LEO TSAI							Total		
CHECKED BY VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE	NONE	UNIT MM

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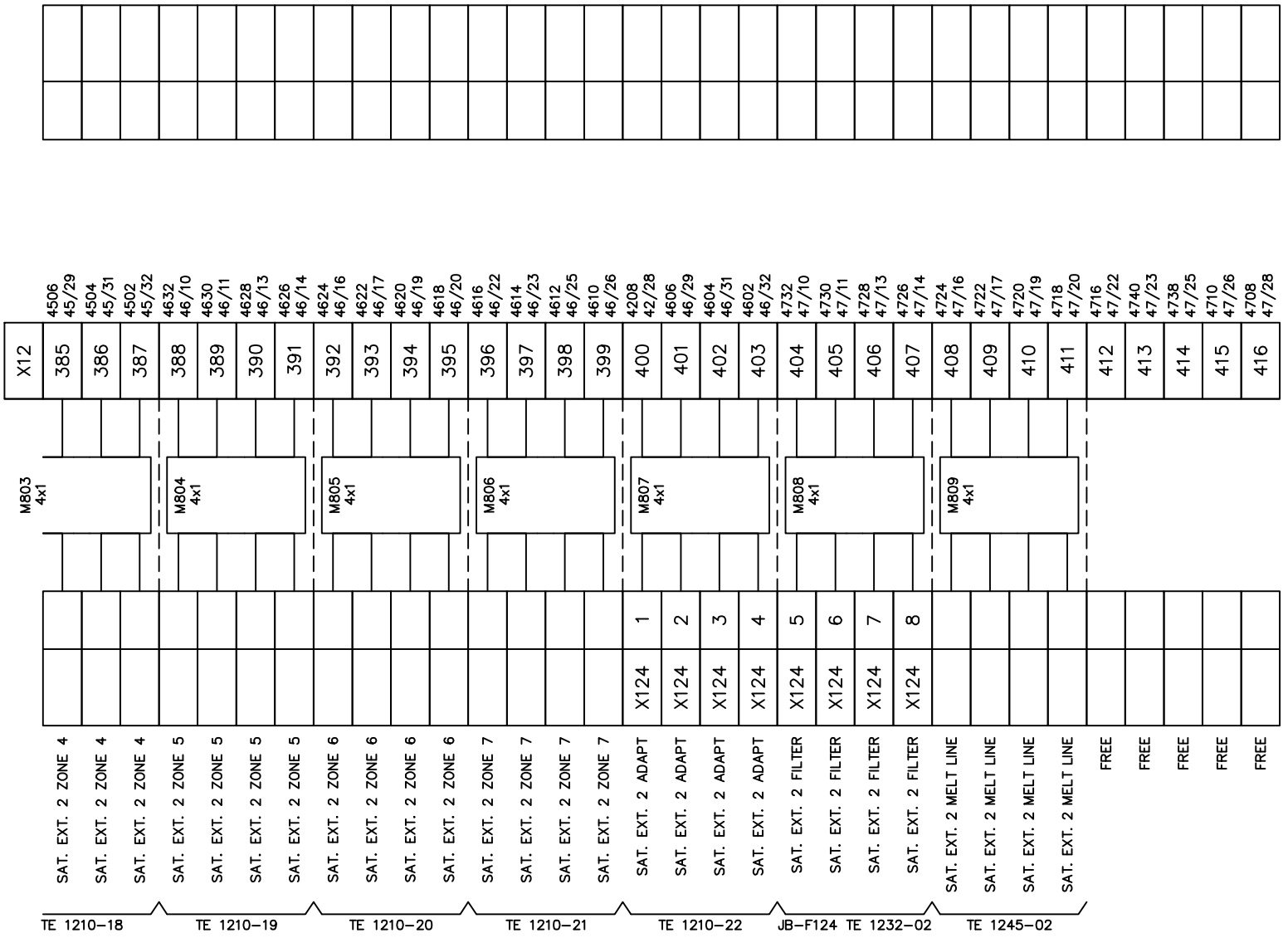

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 385-416				DRAWING DESCRIPTION	KF023 F12	Page #	182
								Total	
DRAWN BY	LEO TSAI					DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE NONE	UNIT MM

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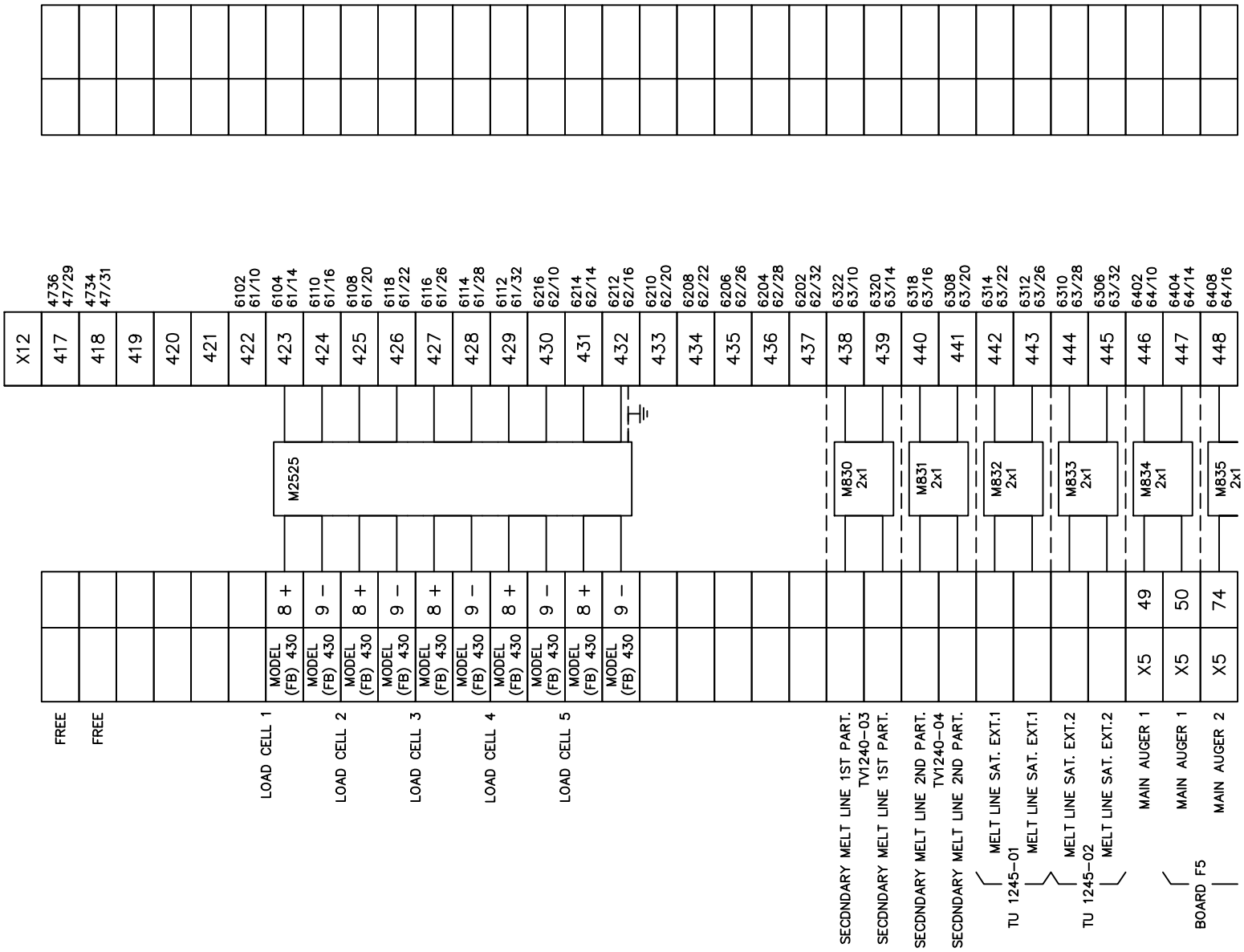

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 417−448					DRAWING DESCRIPTION	KF023 F12	Page #	183
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02−24−2012		SCALE: NONE	UNIT: MM

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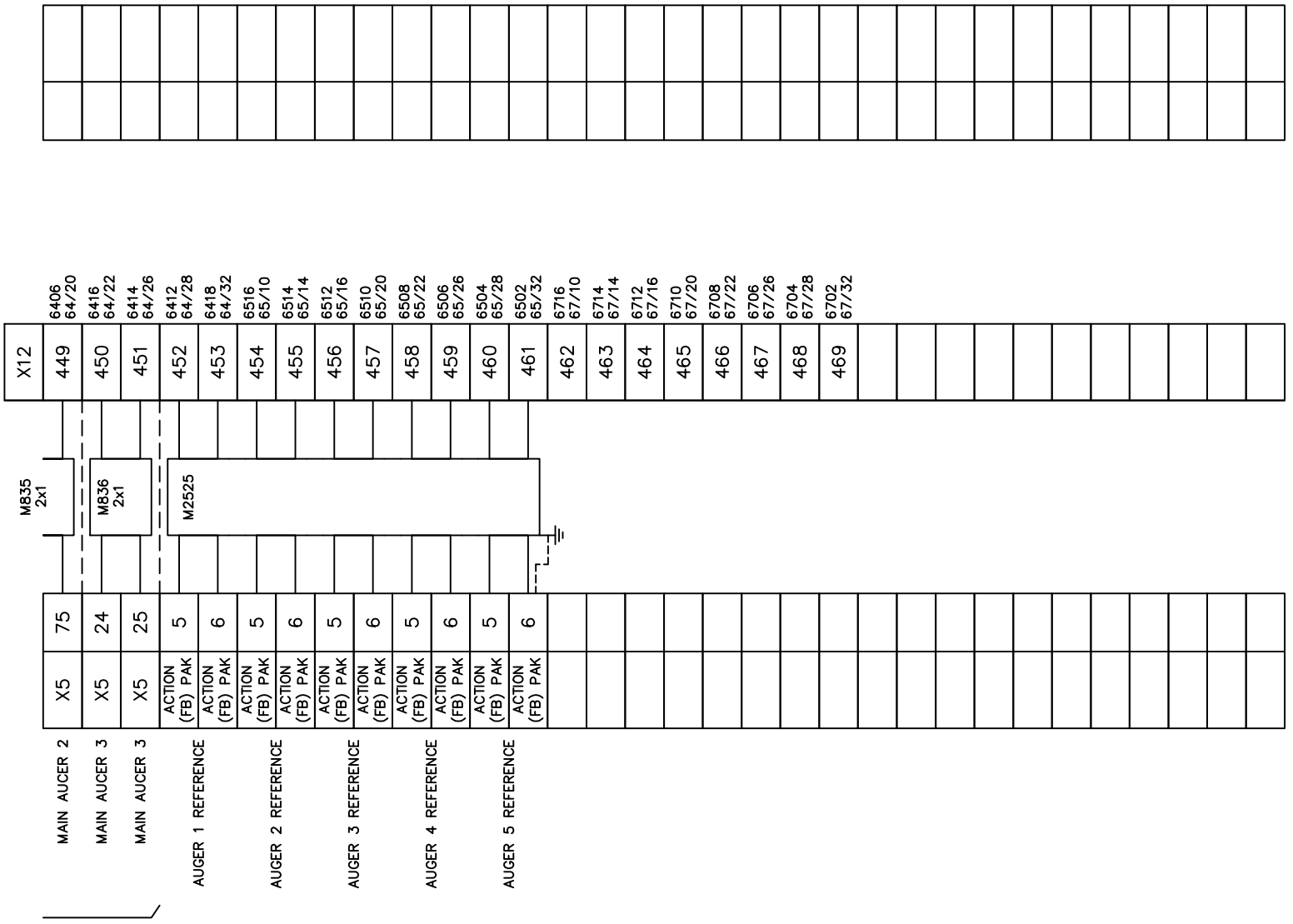

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 449–480					DRAWING DESCRIPTION	KF023 F12	Page #	184
								Total	
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012		SCALE NONE	UNIT MM

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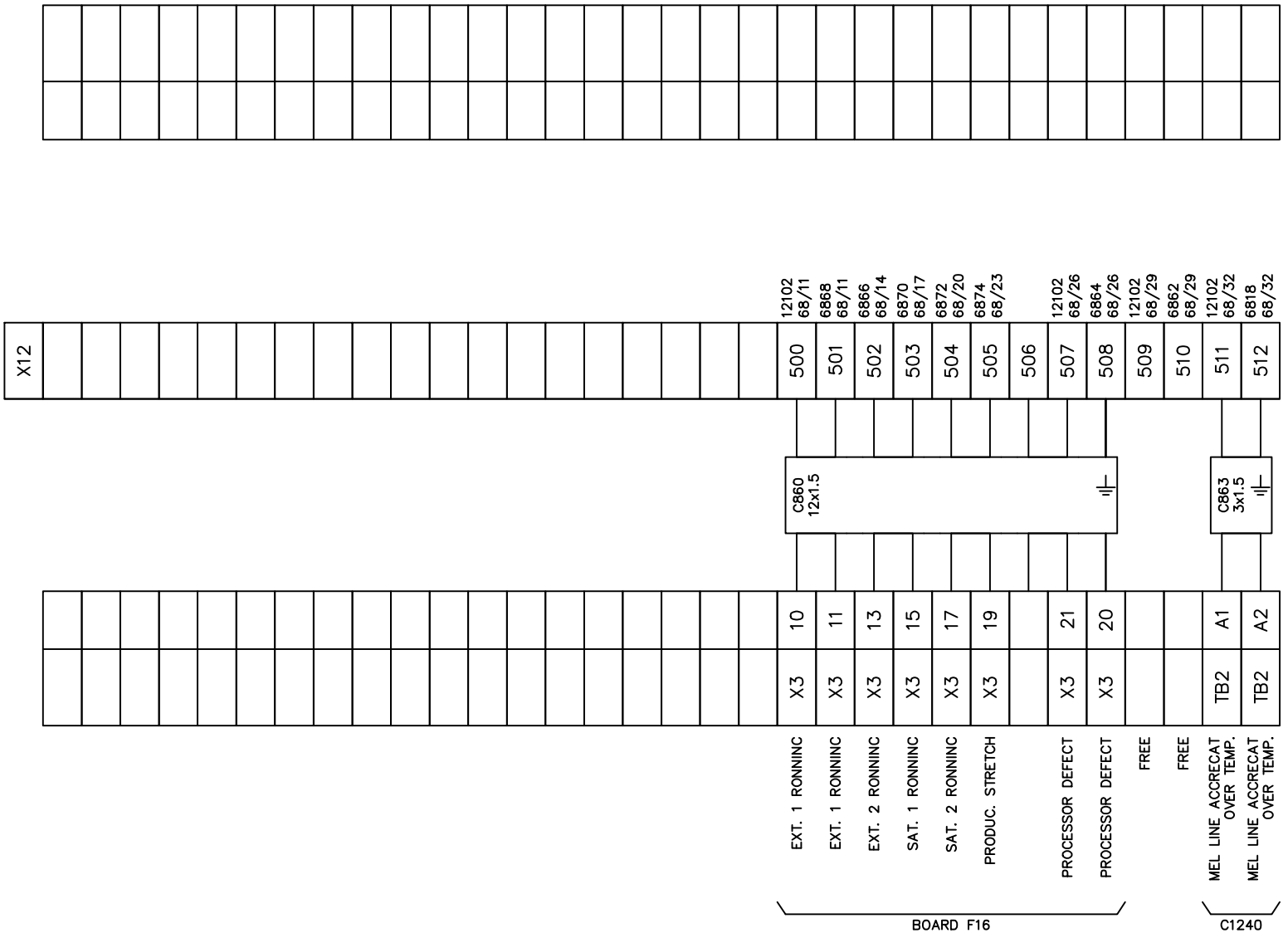

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 481–512				DRAWING DESCRIPTION	KF023 F12	Page #	185	
							Total		
DRAWN BY: LEO TSAI					DRAWING NO.		MATERIAL		
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012	SCALE: NONE	UNIT	MM

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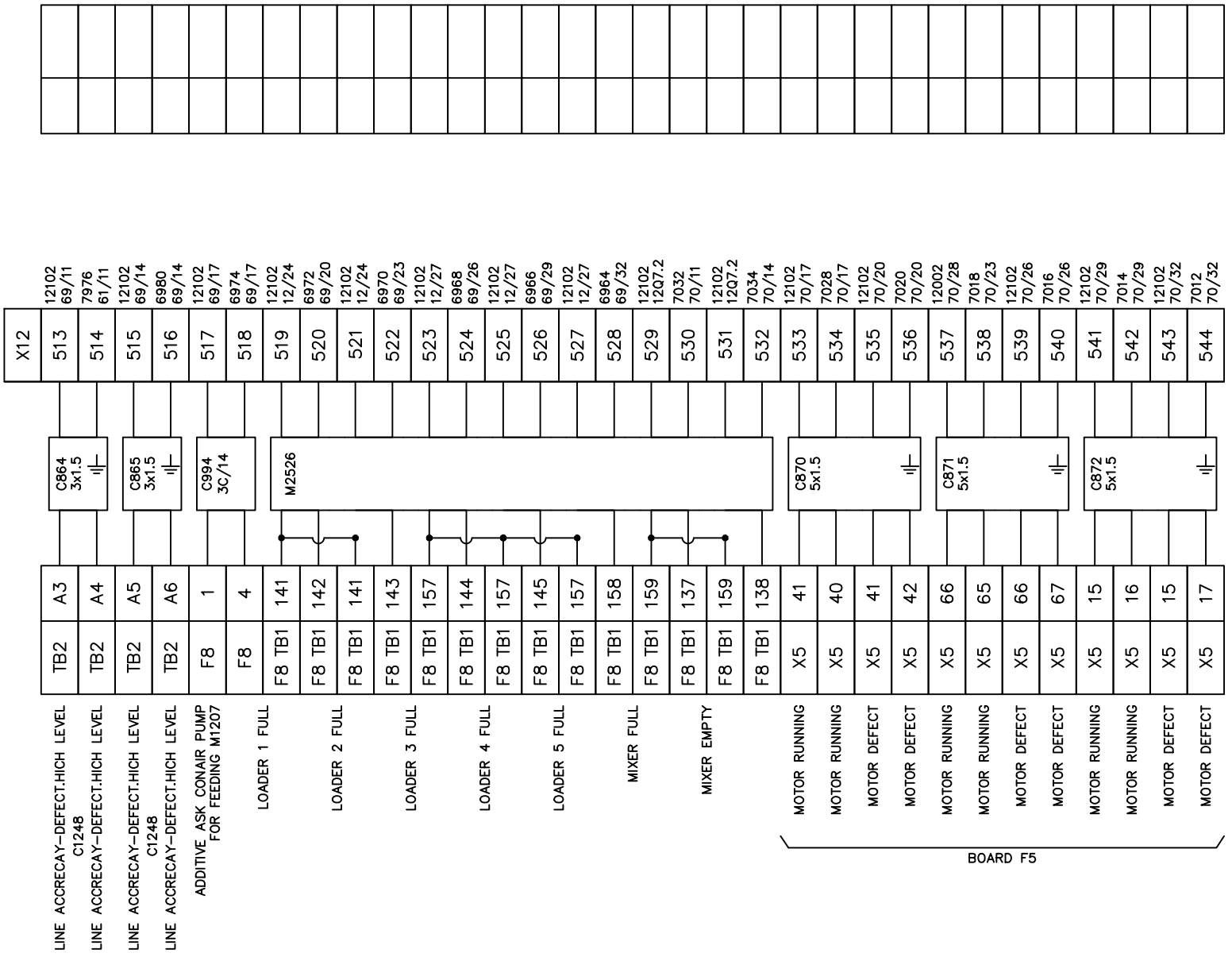

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 513–544					DRAWING DESCRIPTION	KF023 F12	Page #	186
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012		SCALE: NONE	UNIT: MM

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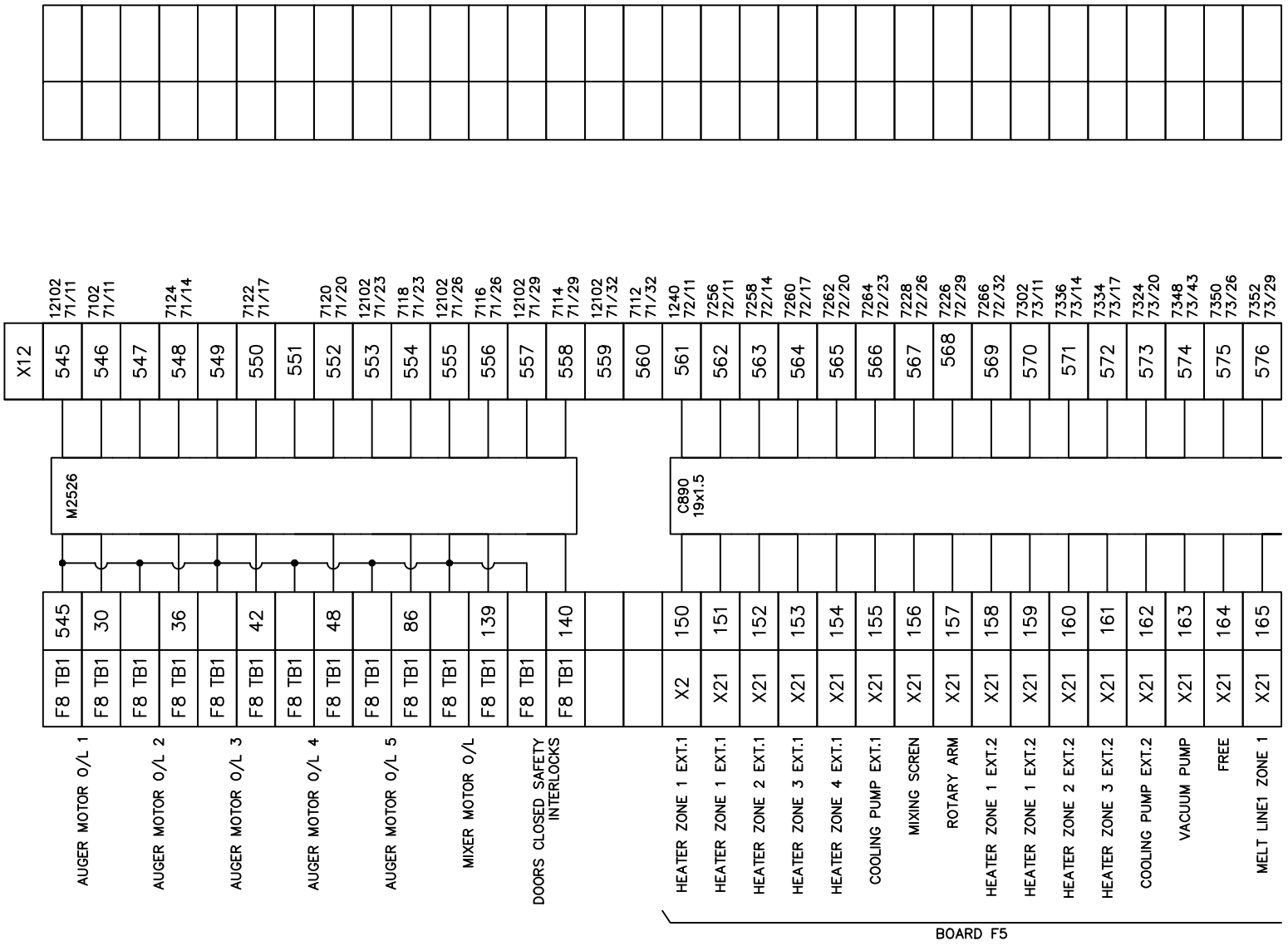

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 545–576					DRAWING DESCRIPTION	KF023 F12	Page #	187
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE: NONE	UNIT: MM

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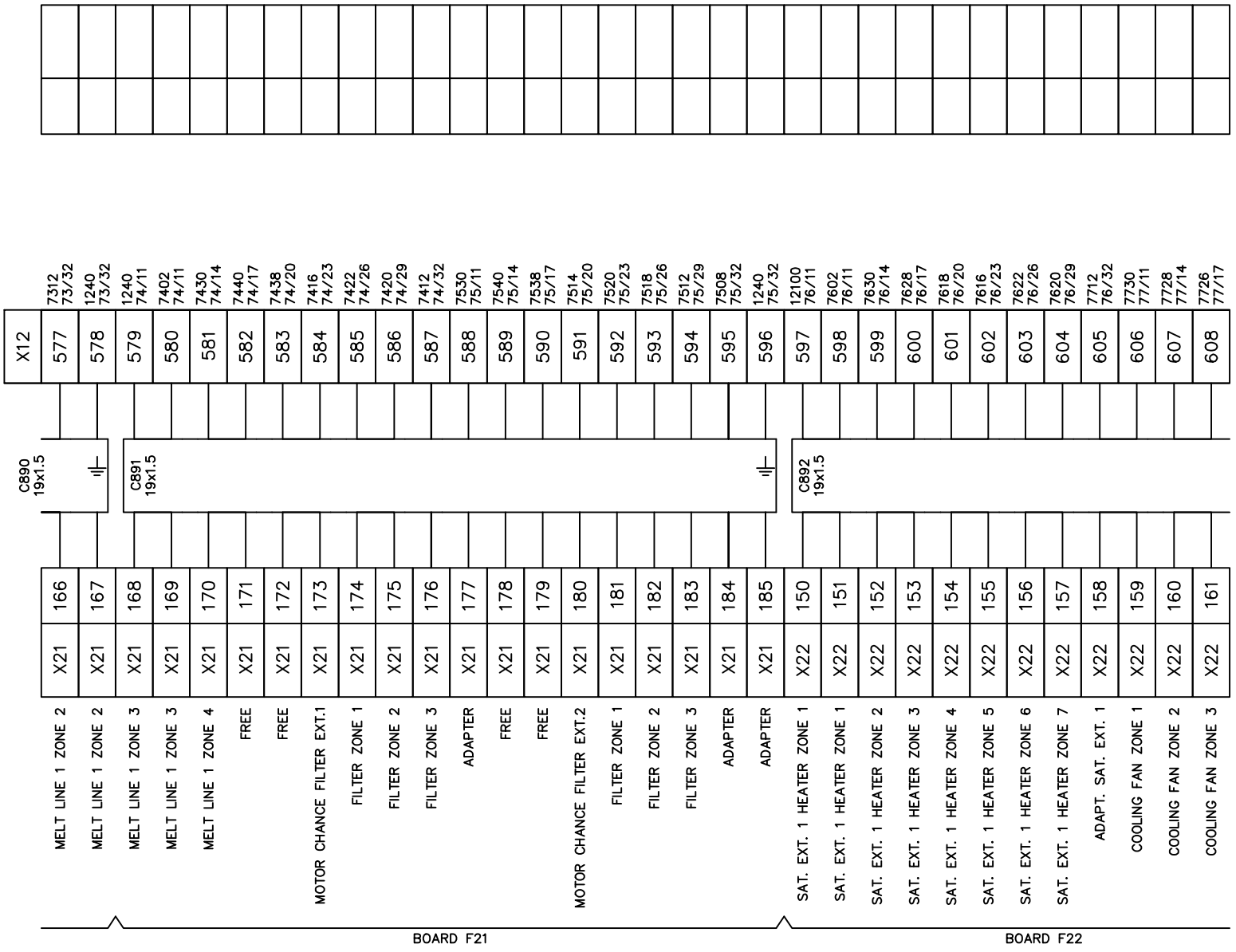

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.					DRAWING DESCRIPTION	KF023 F12	Page #	188	
DRAWN BY	LEO TSAI	TERMINAL BLOCKS X12 577–608					Total		
CHECKED BY	VINCENT HUANG				DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02–24–2012	SCALE	NONE	UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

X12	Wire / Ref.	Cable	Terminal	Block	Description
609	7714 77/20	C892 19x1.5	162	X22	COOLING FAN ZONE 4
610	7720 77/23	C892 19x1.5	163	X22	COOLING FAN ZONE 5
611	7718 77/26	C892 19x1.5	164	X22	COOLING FAN ZONE 6
612	7712 77/29	C892 19x1.5	165	X22	COOLING FAN ZONE 7
613	7738 77/32	C892 19x1.5	166	X22	FREE
614	12100 77/32	C892 19x1.5	167	X22	FREE
615	12100 78/11	C893 19x1.5	168	X22	FREE
616	7844 78/11	C893 19x1.5	169	X22	FREE
617	7836 78/14	C893 19x1.5	170	X22	SAT. EXT. 2 HEATER ZONE 1
618	7834 78/17	C893 19x1.5	171	X22	SAT. EXT. 2 HEATER ZONE 2
619	7824 78/20	C893 19x1.5	172	X22	SAT. EXT. 2 HEATER ZONE 3
620	7822 78/23	C893 19x1.5	173	X22	SAT. EXT. 2 HEATER ZONE 4
621	7818 78/26	C893 19x1.5	174	X22	SAT. EXT. 2 HEATER ZONE 5
622	7816 78/29	C893 19x1.5	175	X22	SAT. EXT. 2 HEATER ZONE 6
623	7812 78/32	C893 19x1.5	176	X22	SAT. EXT. 2 HEATER ZONE 7
624	7932 79/11	C893 19x1.5	177	X22	ADAPT. SAT. EXT. 2
625	7930 79/14	C893 19x1.5	178	X22	COOLING FAN ZONE 1
626	7928 79/17	C893 19x1.5	179	X22	COOLING FAN ZONE 2
627	7916 79/20	C893 19x1.5	180	X22	COOLING FAN ZONE 3
628	7914 79/23	C893 19x1.5	181	X22	COOLING FAN ZONE 4
629	7910 79/26	C893 19x1.5	182	X22	COOLING FAN ZONE 5
630	7908 79/29	C893 19x1.5	183	X22	COOLING FAN ZONE 6
631	7906 79/32	C893 19x1.5	184	X22	COOLING FAN ZONE 7
632	12100 79/32	C893 19x1.5	185	X22	COOLING FAN ZONE 7
633	1232 80/11	C894 19x1.5	286	X23	HEATING OF DIVERTER
634	8002 80/11	C894 19x1.5	287	X23	HEATING OF DIVERTER
635	8036 80/14	C894 19x1.5	288	X23	DIE HEATER ZONE 1
636	8034 80/17	C894 19x1.5	289	X23	DIE HEATER ZONE 2
367	8024 80/20	C894 19x1.5	290	X23	DIE HEATER ZONE 3
638	8022 80/23	C894 19x1.5	291	X23	DIE HEATER ZONE 4
639	8018 80/26	C894 19x1.5	292	X23	DIE HEATER ZONE 5
640	8016 80/29	C894 19x1.5	293	X23	DIE HEATER ZONE 6

BOARD F22

BOARD F23

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

TERMINAL BLOCKS X12 1–32

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CHECKED BY	VINCENT HUANG	DRAWING NO.	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
DRAWN DATE:	02-24-2012	Page #	189
Total		MATERIAL	
SCALE	NONE	UNIT	MM

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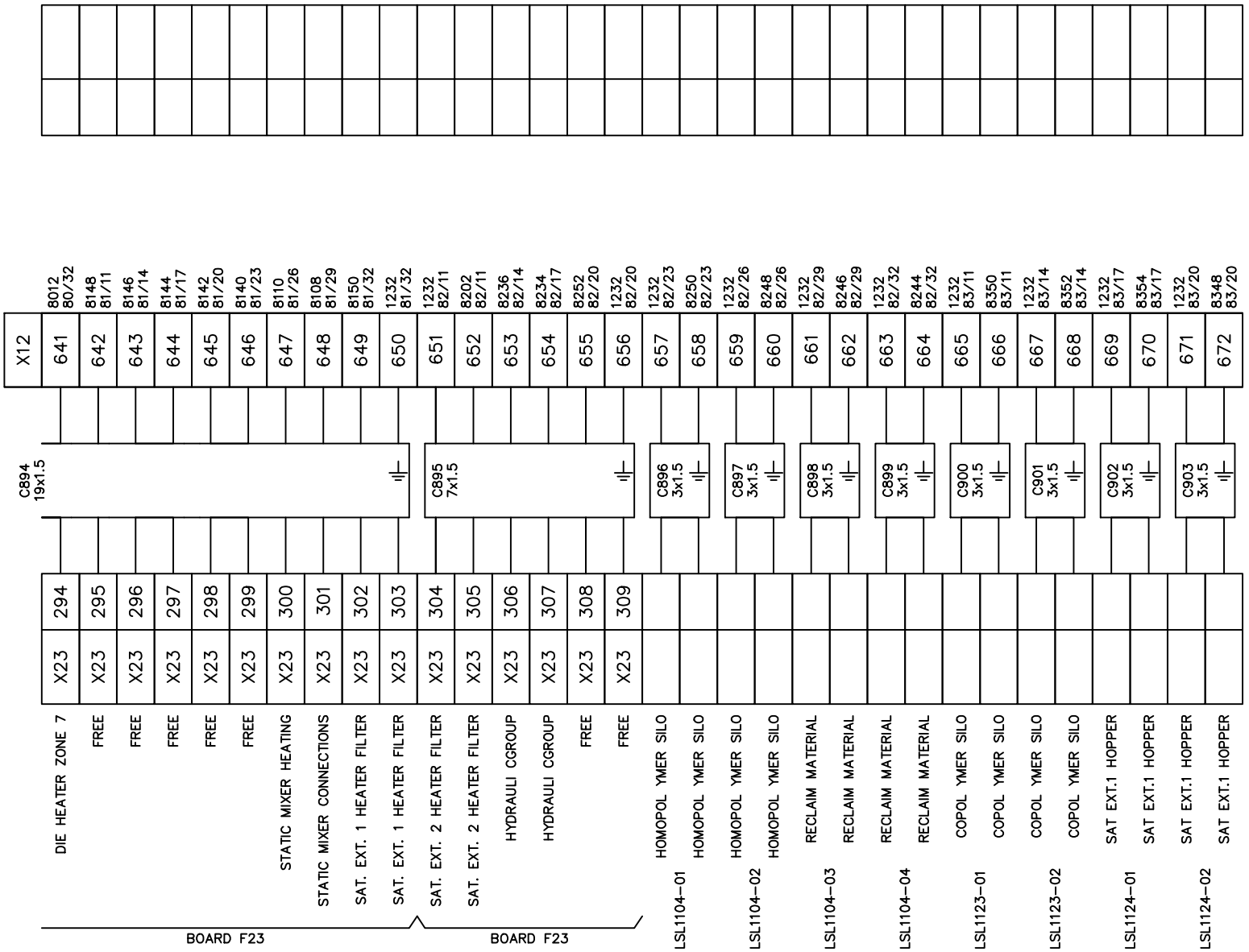

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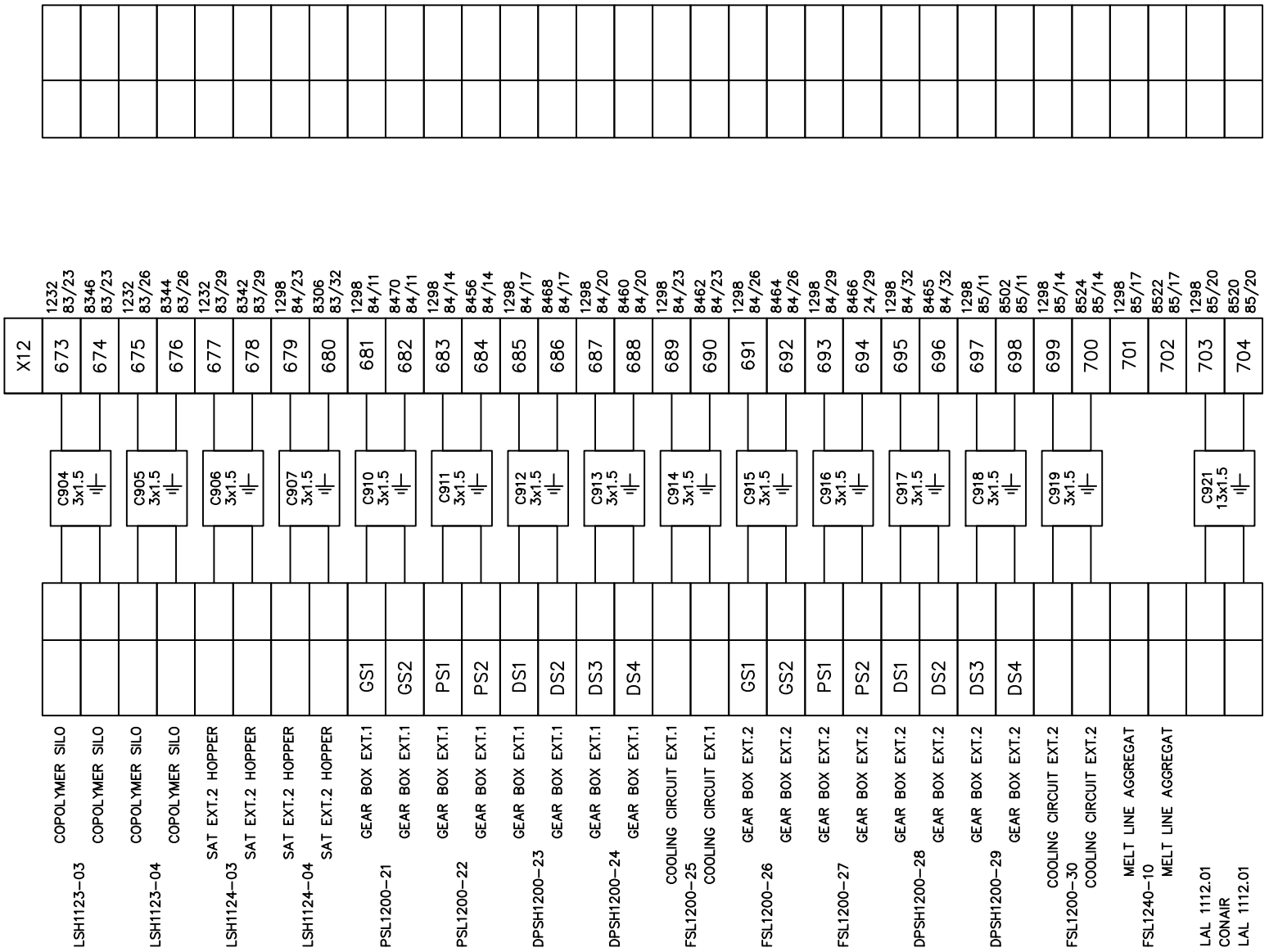
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 33–64					DRAWING DESCRIPTION	KF023 F12	Page #	190
								Total	
DRAWN BY: LEO TSAI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE: NONE	UNIT: MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 65–96					DRAWING DESCRIPTION	KF023 F12	Page #	191	
DRAWN BY	VICTOR WEI								Total		
CHECKED BY	VINCENT HUANG						DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–27–2012	SCALE	NONE	UNIT MM

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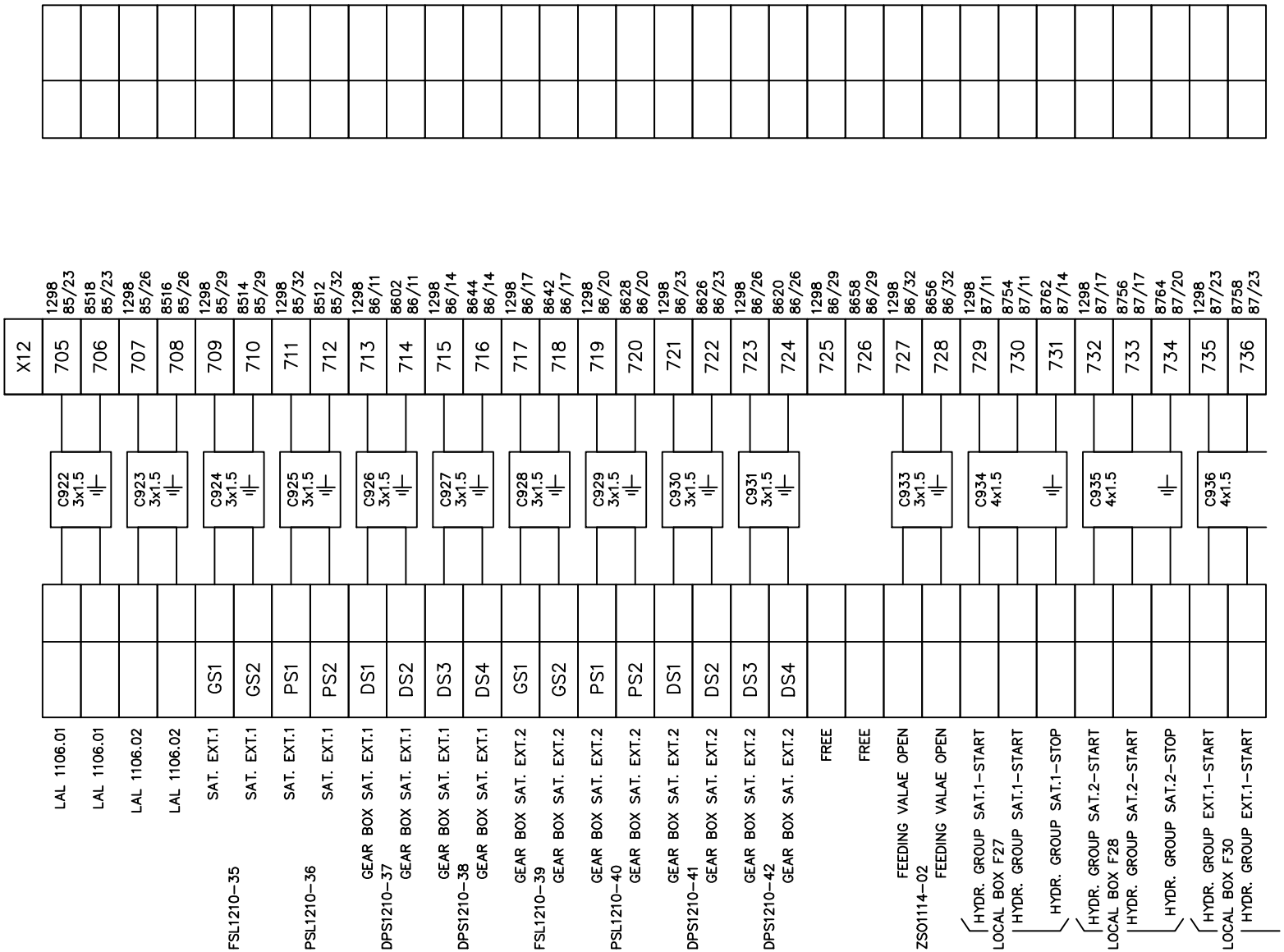

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 97-128					DRAWING DESCRIPTION	KF023 F12	Page #	192
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-29-2012	SCALE: NONE	UNIT: MM

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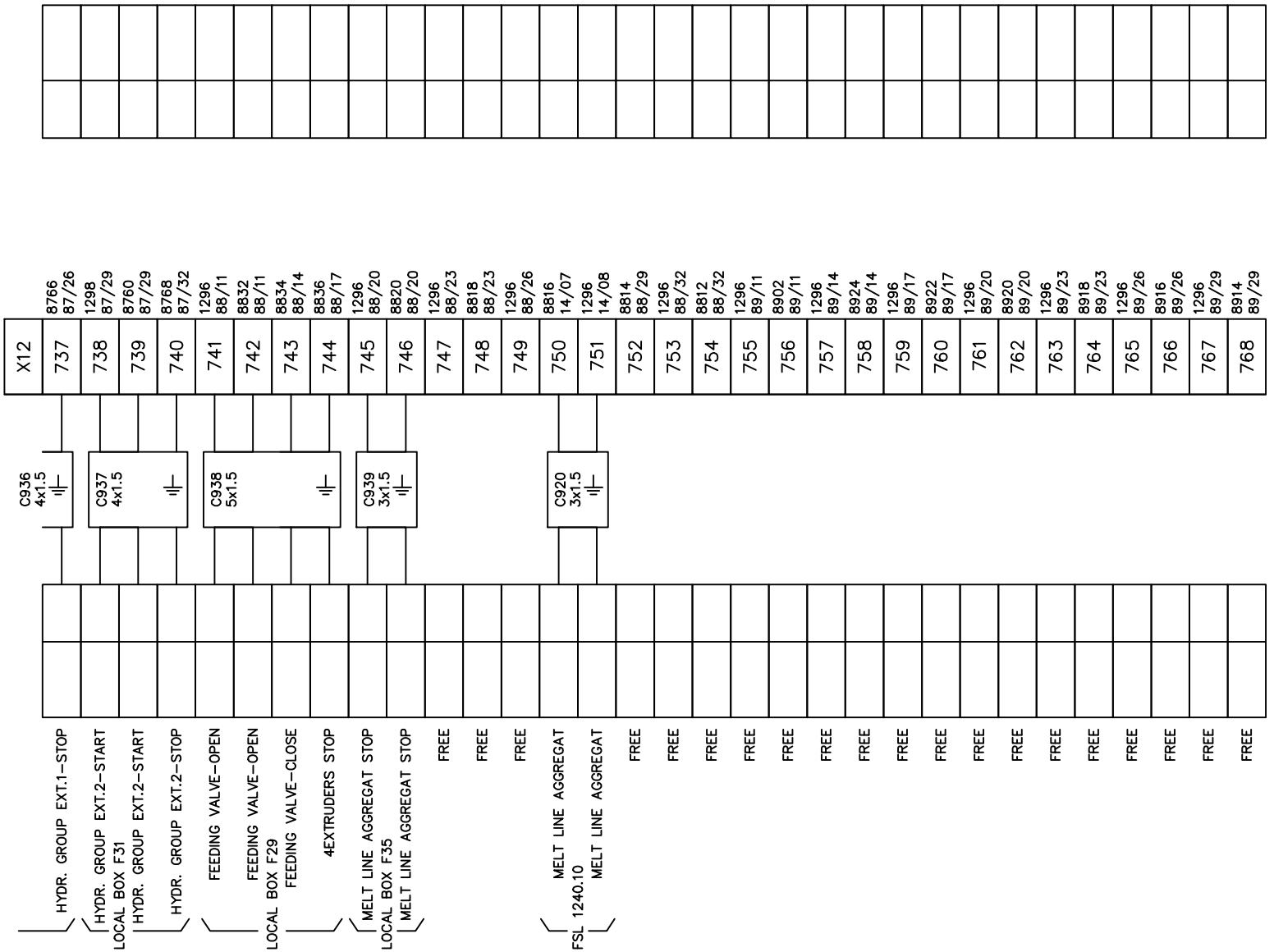

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 129–160				DRAWING DESCRIPTION	KF023 F12	Page #	193	
DRAWN BY: VICTOR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 11–29–2012	SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Terminal	Wire	Reference	Connection
X12			
769	1296	89/32	FREE
770	8912	89/32	FREE
771	1296	90/11	FREE
772	9002	90/11	FREE
773	1296	90/14	FREE
774	9024	90/14	FREE
775	1296	90/17	FREE
776	9022	90/17	FREE
777	1296	90/20	FREE
778	9020	90/20	FREE
779	1296	90/23	FREE
780	9018	90/23	FREE
781	1296	90/26	FREE
782	9016	90/26	FREE
783	1296	90/29	FREE
784	9014	90/29	FREE
785	1296	90/32	FREE
786	9012	90/32	FREE
787	1296	91/11	FREE
788	9102	91/11	FREE
789	1296	91/14	FREE
790	9124	91/14	FREE
791	1296	91/17	FREE
792	9122	91/17	FREE
793	1296	91/20	FREE
794	9120	91/20	FREE
795	1296	91/23	FREE
796	9118	91/23	FREE
797	1296	91/26	FREE
798	9116	91/26	FREE
799	1296	91/29	FREE
800	9114	91/29	FREE

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

TERMINAL BLOCKS X12 161–192

DRAWN BY	VICTOR WEI	DRAWING DESCRIPTION	KF023 F12	Page #	194		
CHECKED BY	VINCENT HUANG	DRAWING NO.		Total			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	MATERIAL			
DRAWN DATE:	11–29–2012	SCALE	NONE	UNIT	MM		

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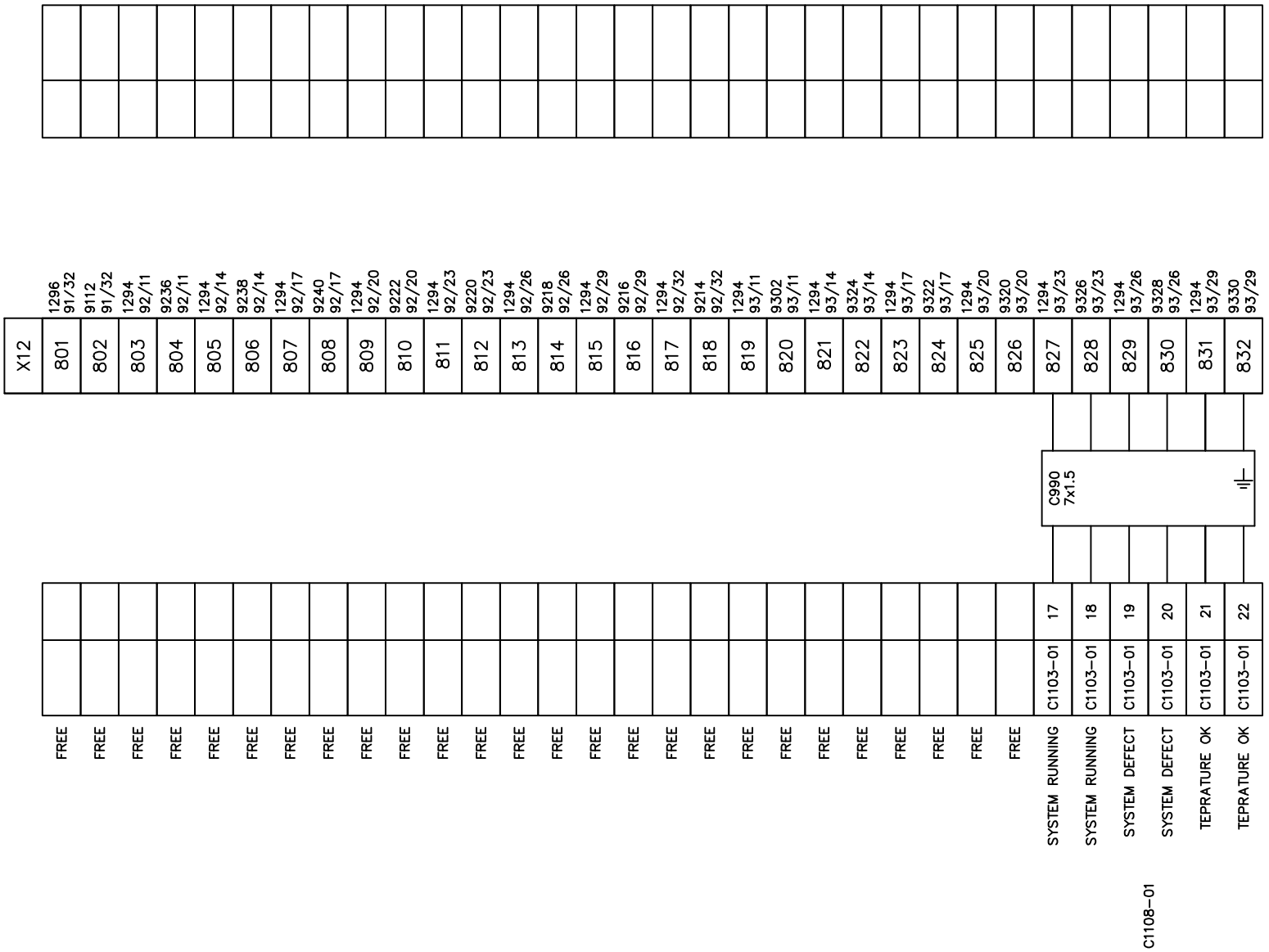

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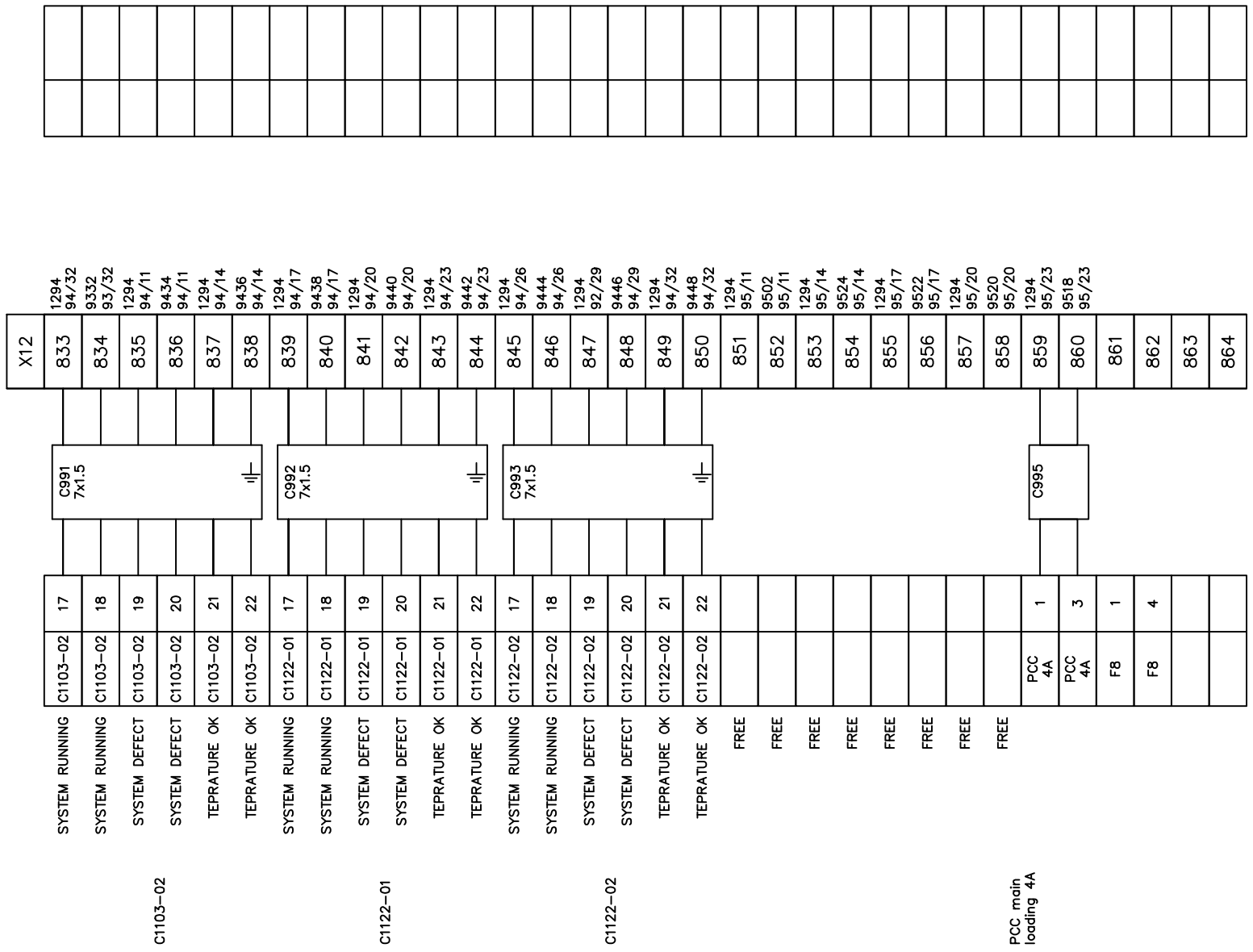
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 193-224				DRAWING DESCRIPTION	KF023 F12	Page #	195	
DRAWN BY: VICOTR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 11-30-2012	SCALE	NONE	UNIT MM



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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 225-256				DRAWING DESCRIPTION	KF023 F12	Page #	196	
DRAWN BY: VICOTR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 11-30-2012		SCALE: NONE	UNIT: MM	

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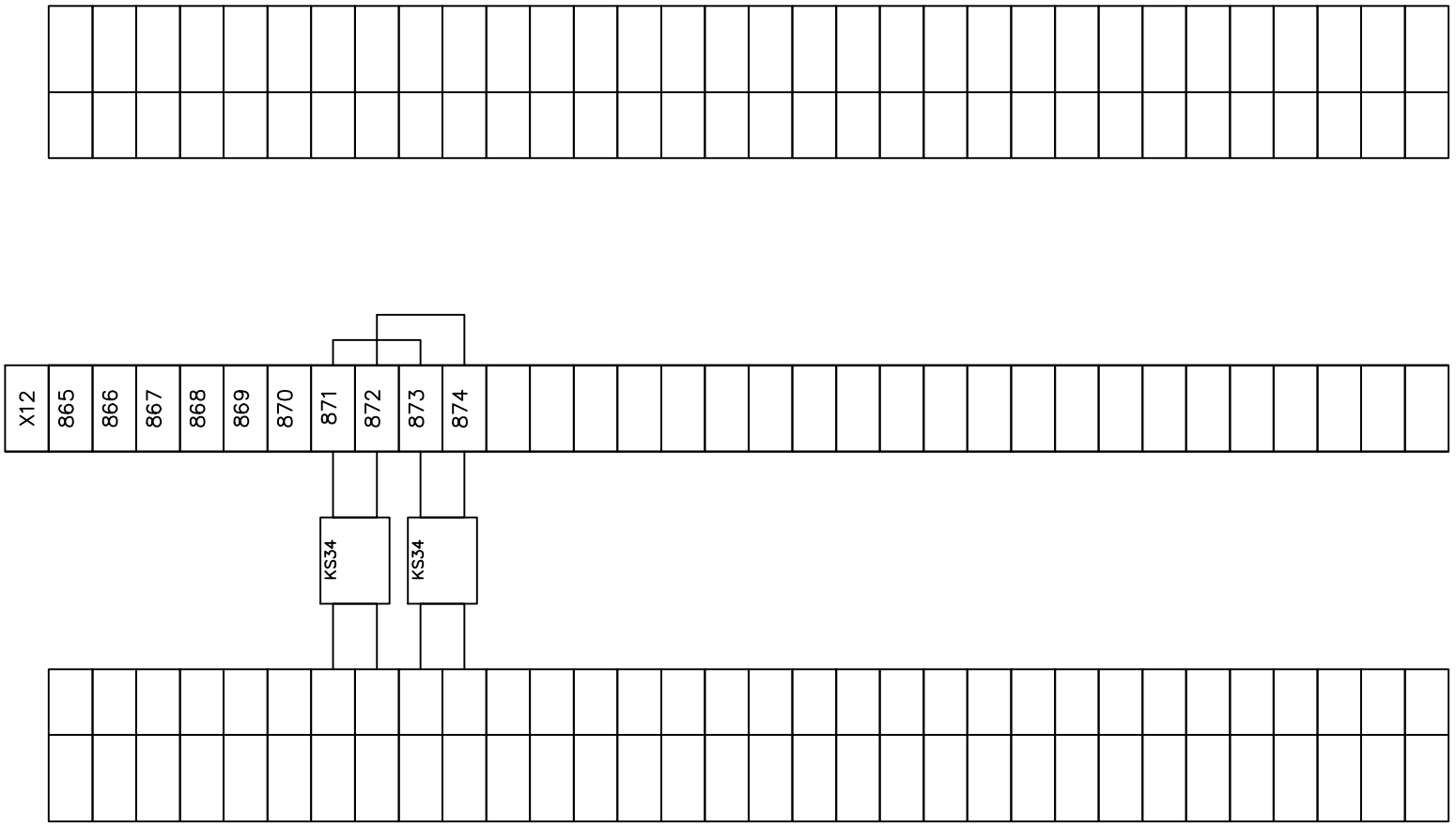

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 257–288					DRAWING DESCRIPTION	KF023 F12	Page #	197
								Total	
DRAWN BY: VICOTR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–30–2012	SCALE: NONE	UNIT: MM

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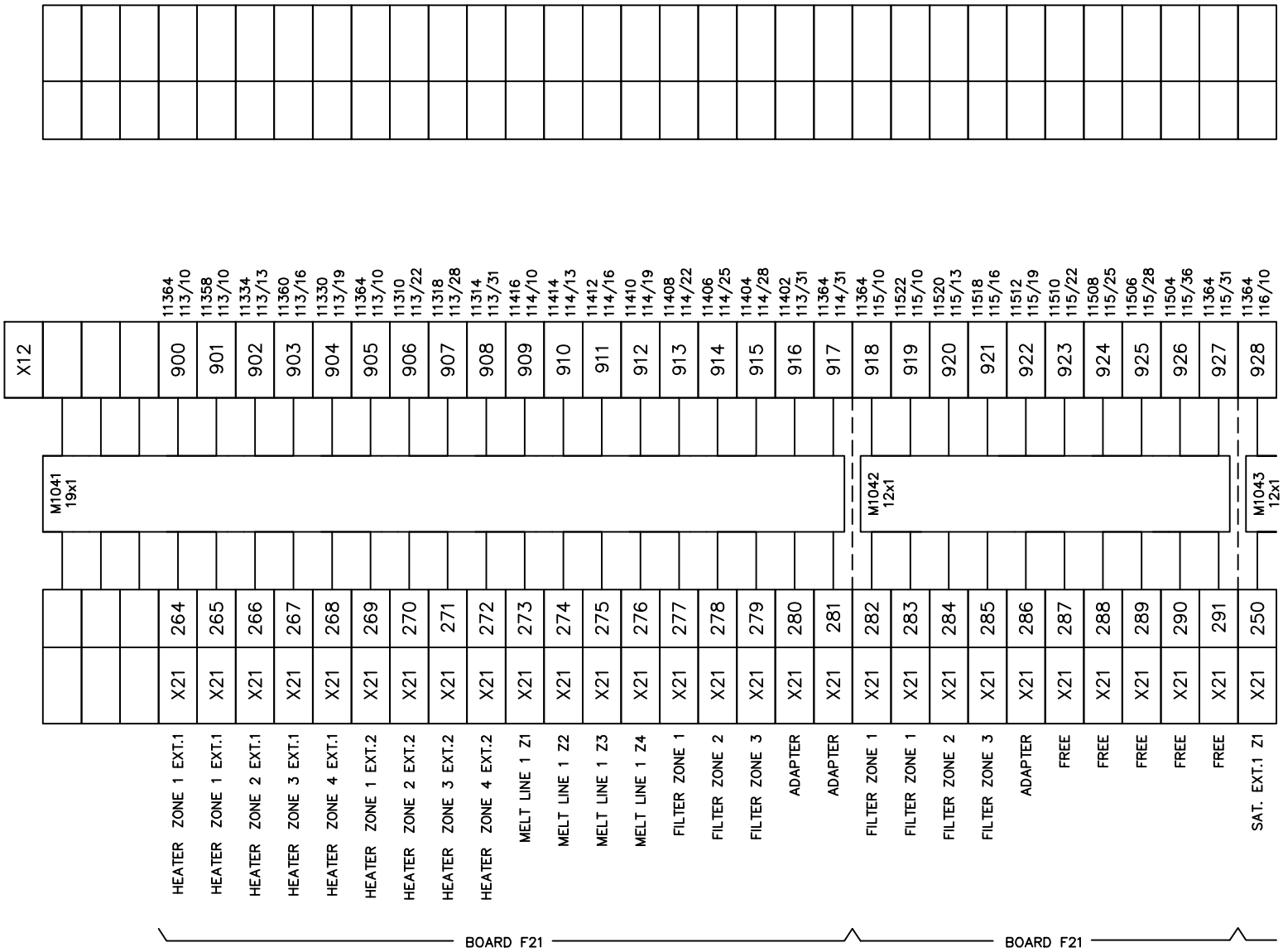

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 289–320					DRAWING DESCRIPTION	KF023 F12	Page #	198
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–30–2012	SCALE: NONE	UNIT: MM

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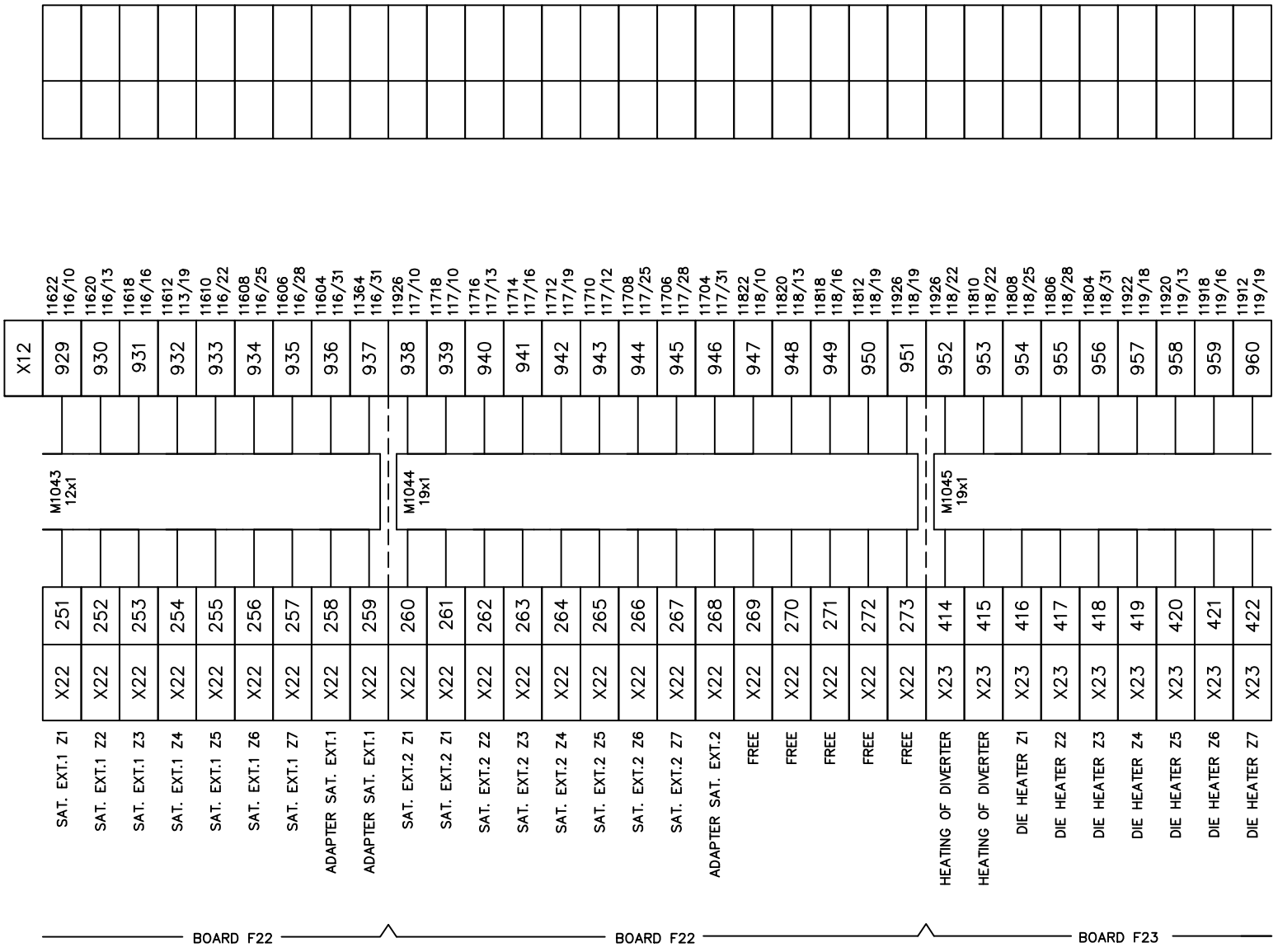

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 321–352					DRAWING DESCRIPTION	KF023 F12	Page #	199
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE: NONE	UNIT: MM

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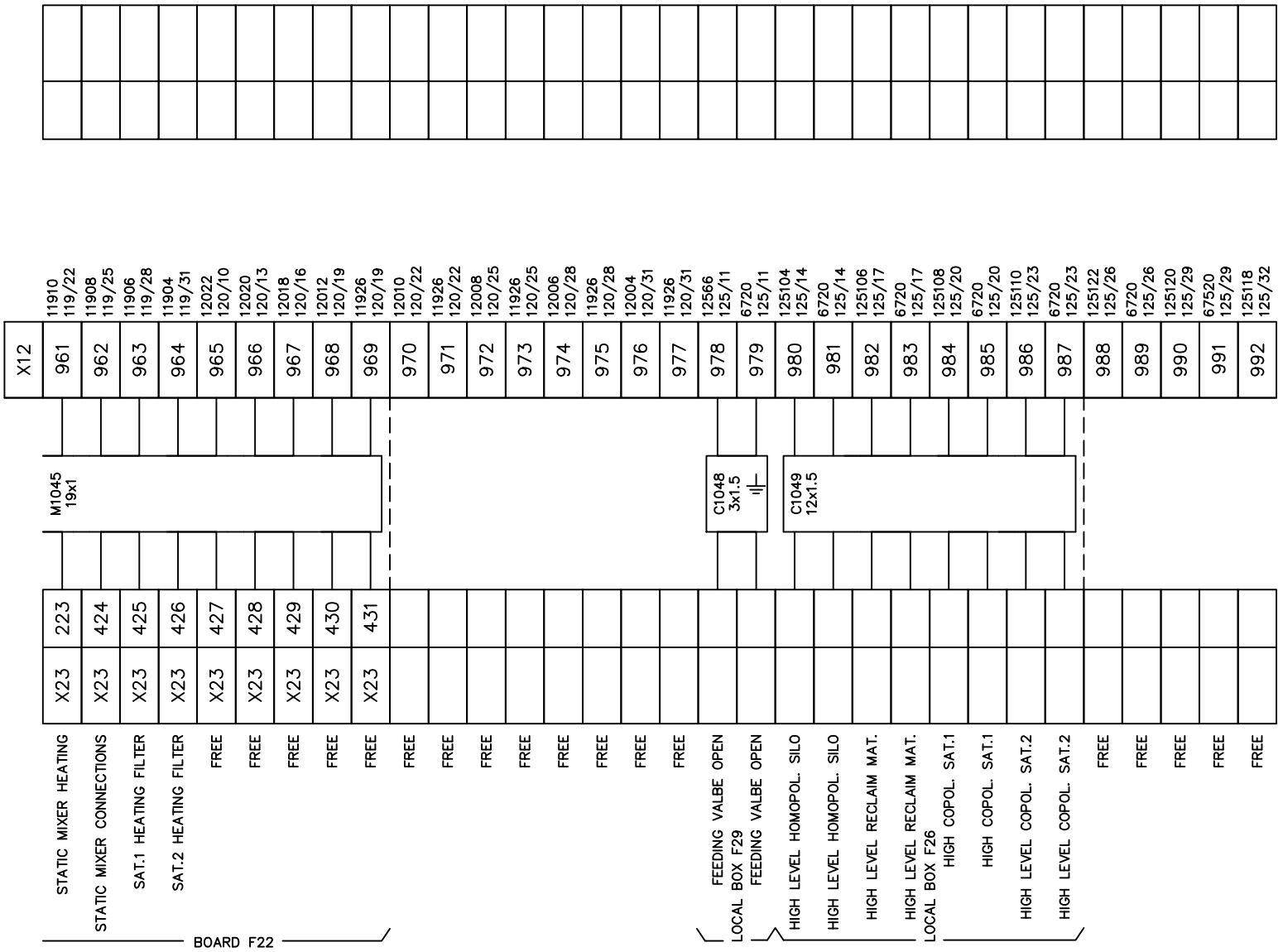

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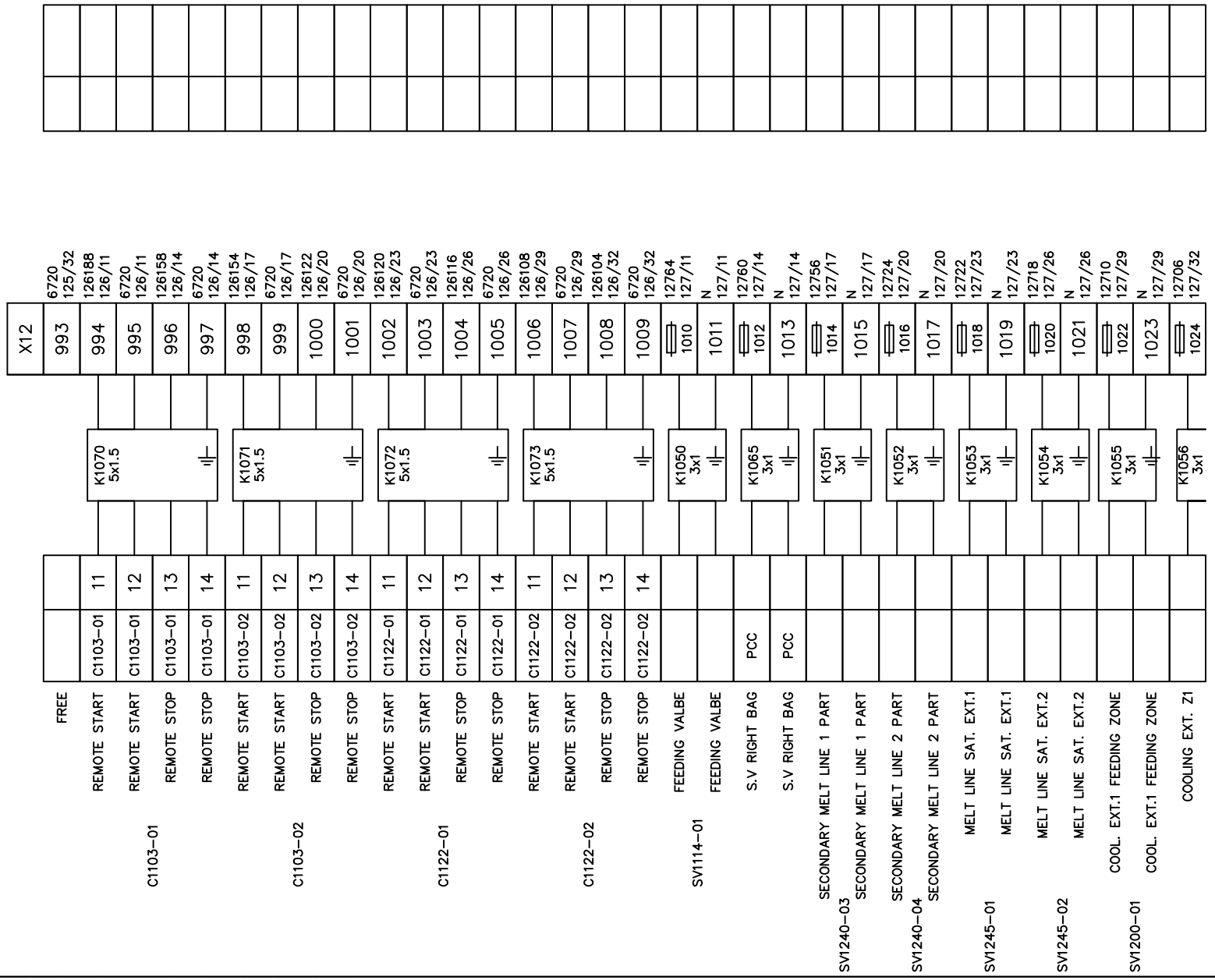
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 353–384					DRAWING DESCRIPTION	KF023 F12	Page #	200
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE: NONE	UNIT: MM



INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

TERMINAL BLOCKS X12 385-416

DRAWN BY	VICTOR WEI
CHECKED BY	VINCENT HUANG

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE

DRAWING DESCRIPTION	KF023 F12	Page #	201
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	12-03-2012	SCALE: NONE	UNIT: MM

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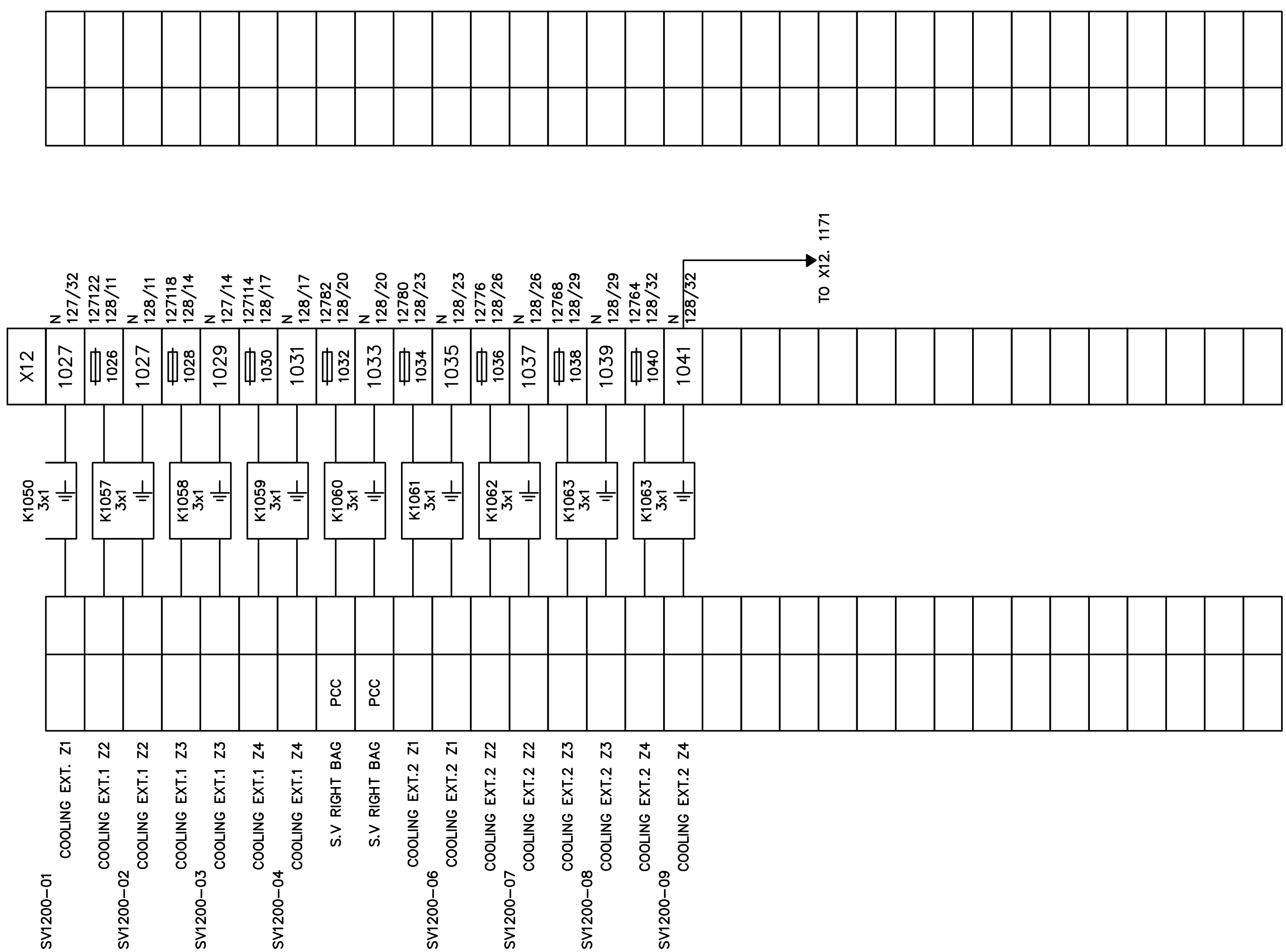

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 417–448					DRAWING DESCRIPTION	KF023 F12	Page #	202		
									Total			
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE	NONE	UNIT	MM

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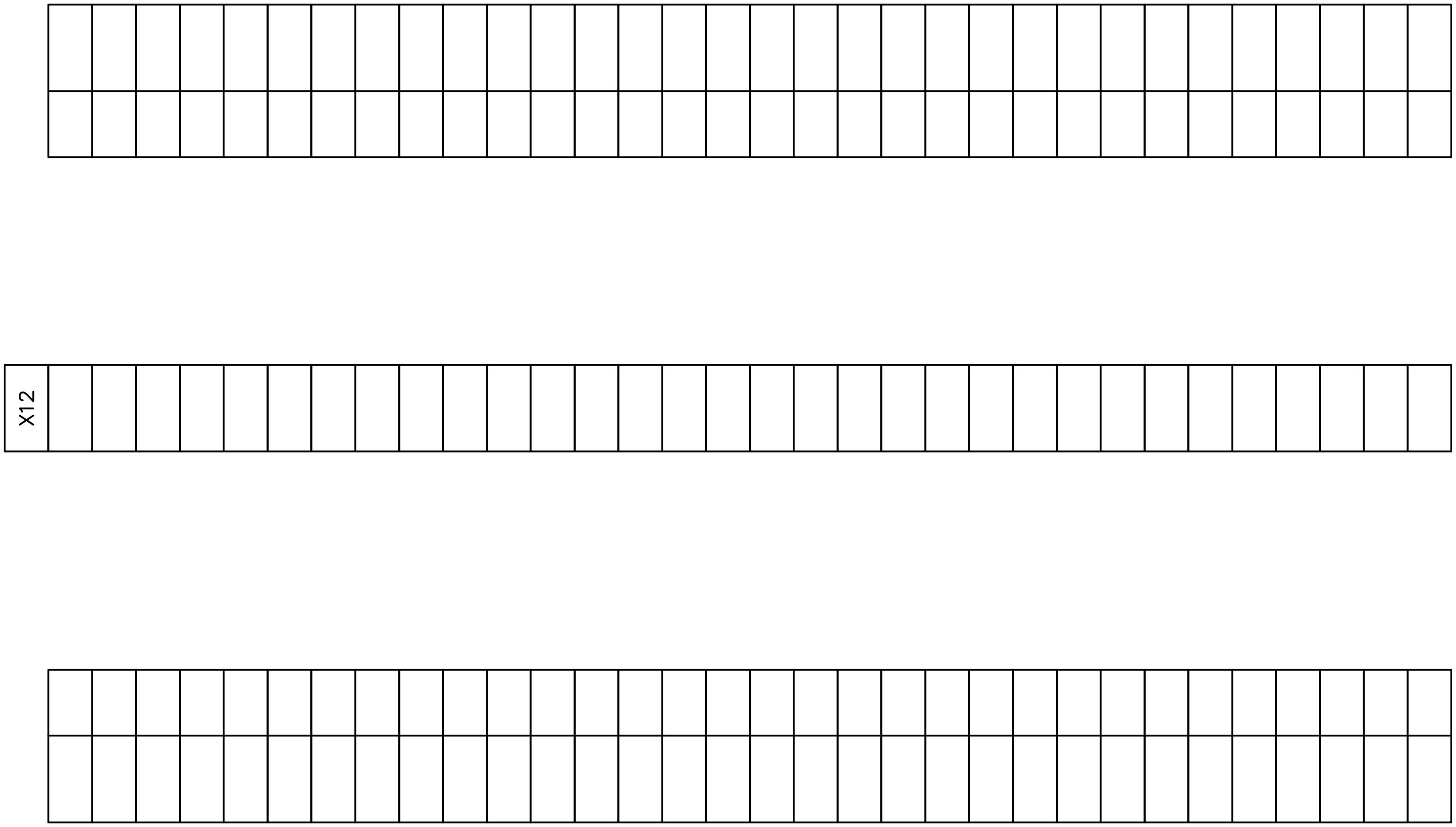

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 449–480					DRAWING DESCRIPTION	KF023 F12	Page #	203	
									Total		
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL		
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE	NONE	UNIT MM

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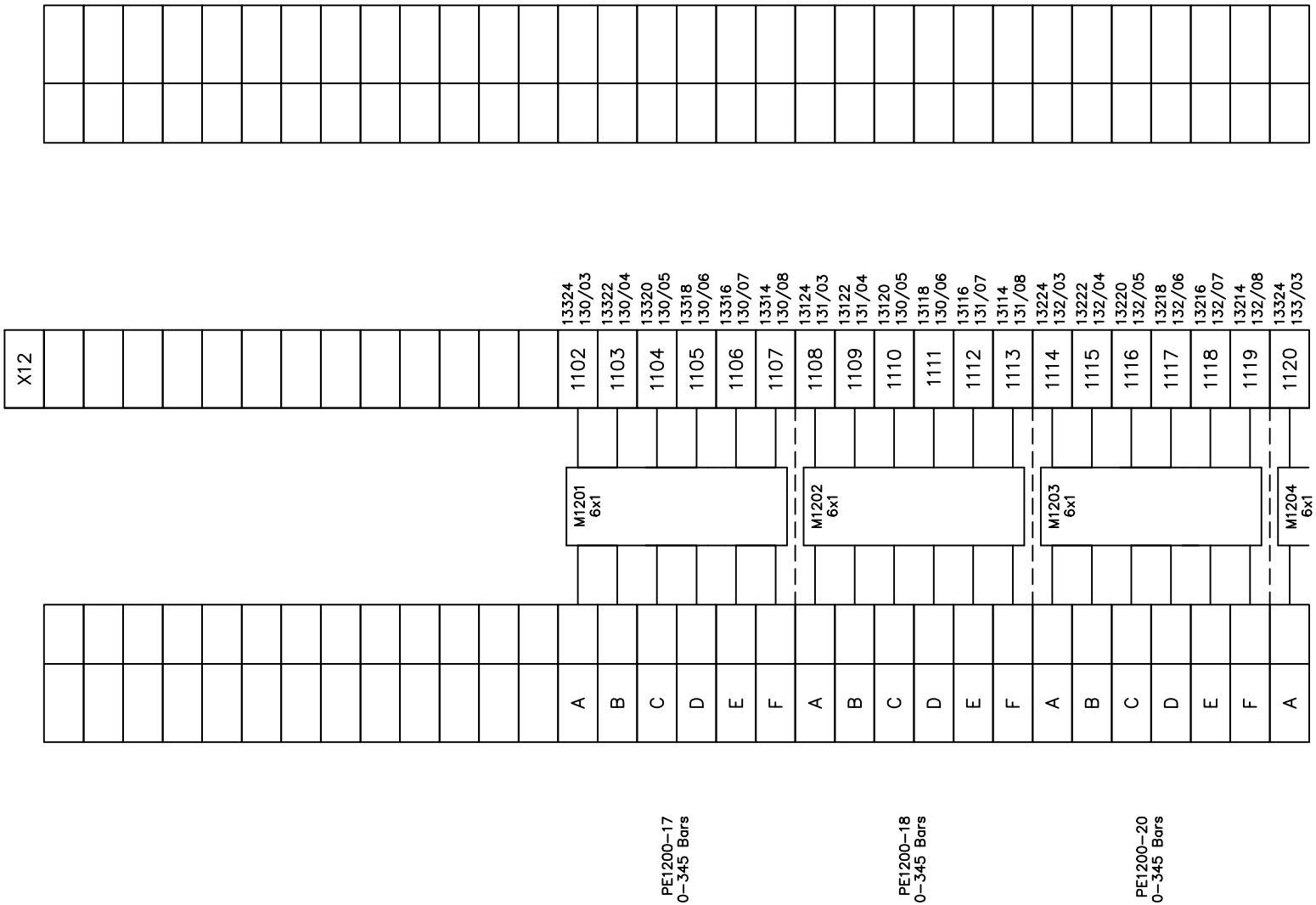

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 481-512					DRAWING DESCRIPTION	KF023 F12	Page #	204
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-03-2012	SCALE: NONE	UNIT: MM

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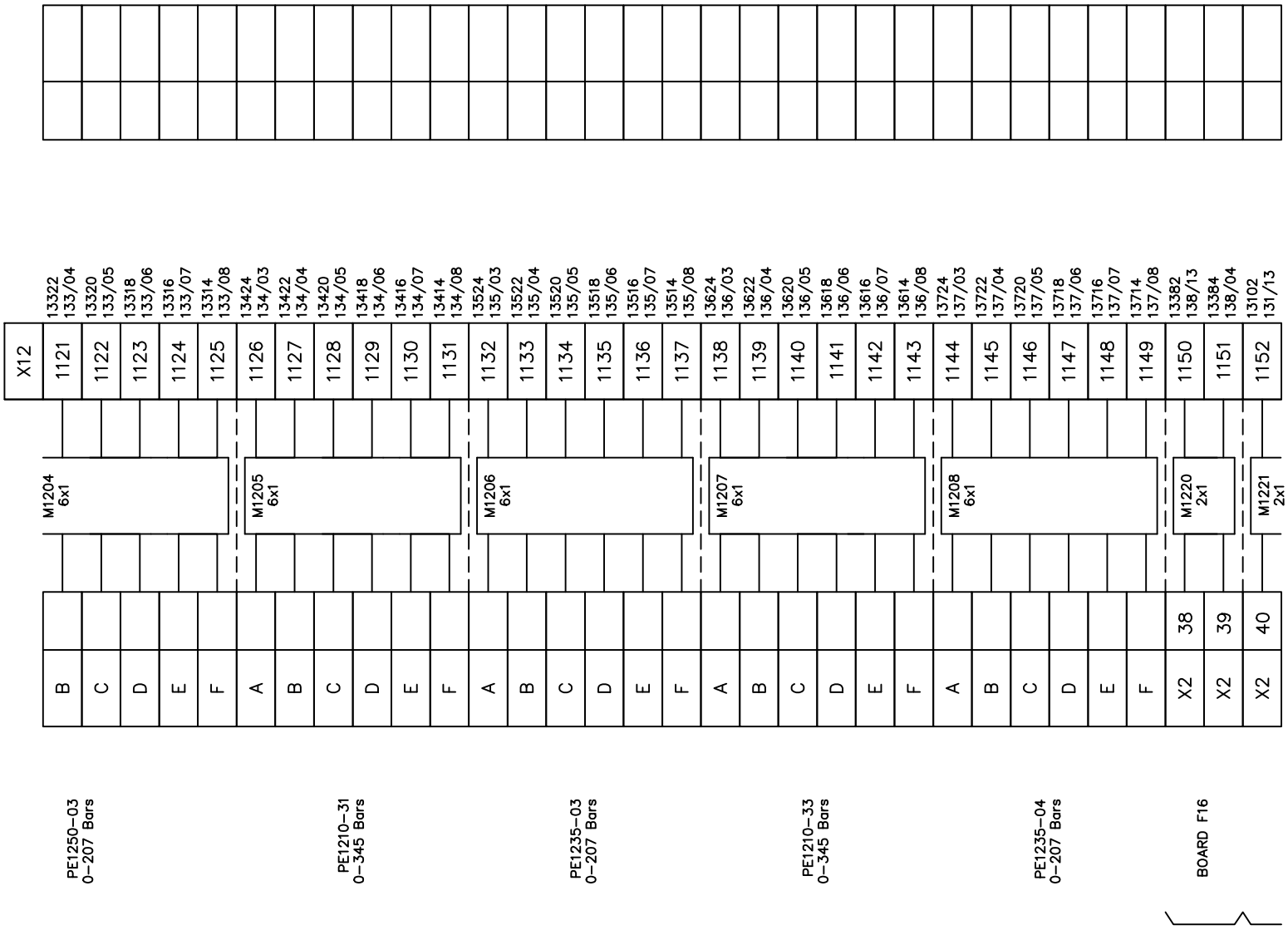

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 513-544					DRAWING DESCRIPTION	KF023 F12	Page #	205
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-03-2012	SCALE: NONE	UNIT: MM

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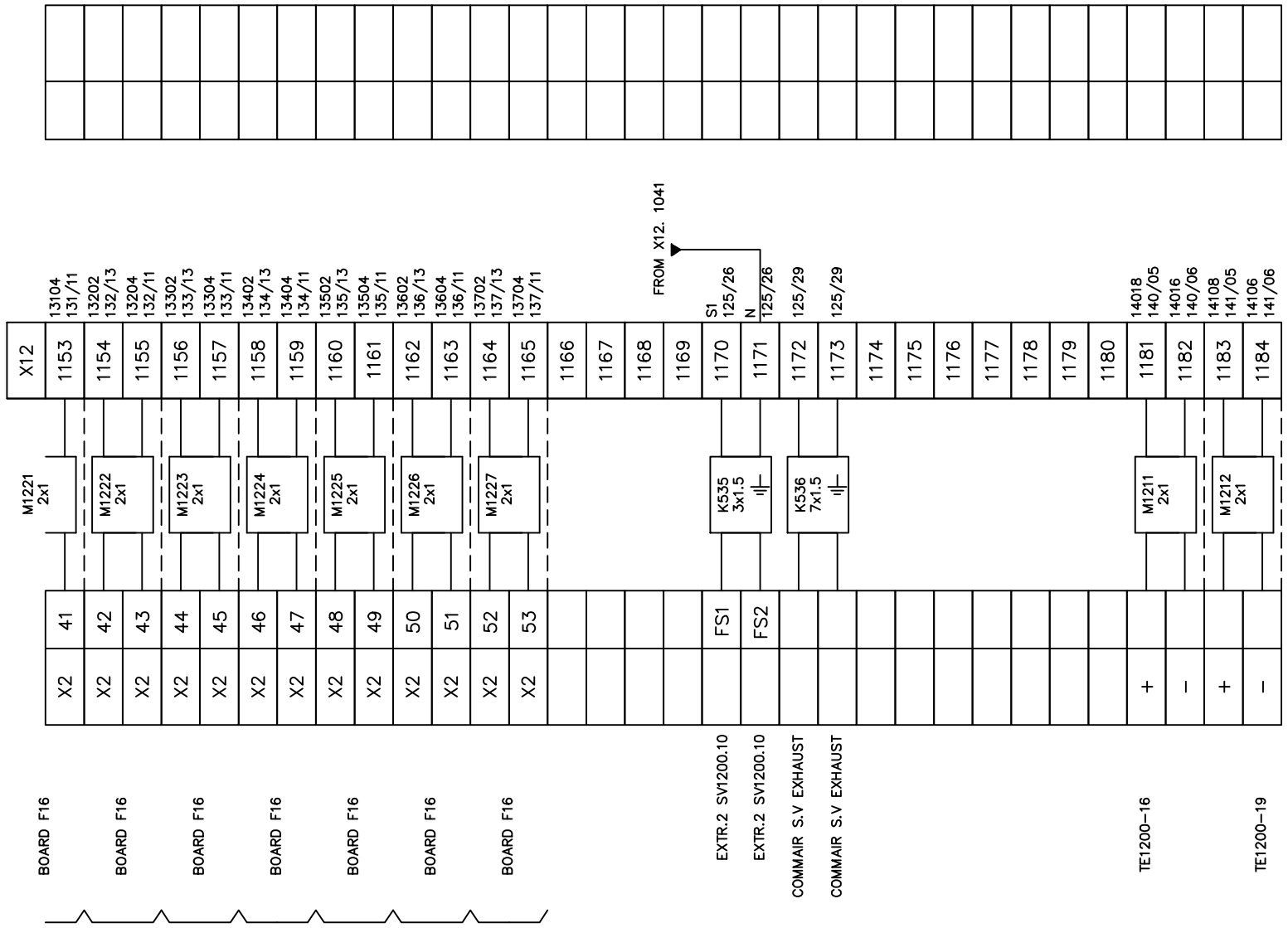

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 545−576					DRAWING DESCRIPTION	KF023 F12	Page #	206
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12−03−2012	SCALE: NONE	UNIT: MM

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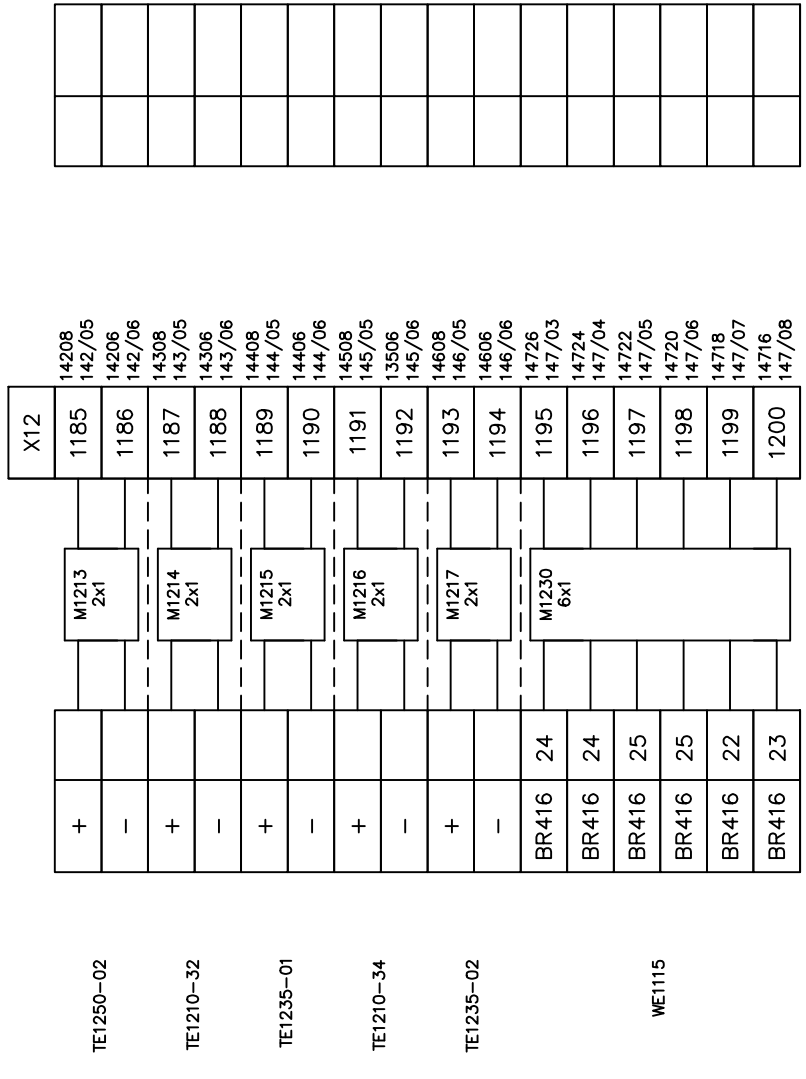

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 577-608					DRAWING DESCRIPTION	KF023 F12	Page #	207
								Total	
DRAWN BY: VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY: VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-04-2012	SCALE: NONE	UNIT: MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C		F	
B		E	
A		D	

CLIENT : F.P.C	FREE	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	N° KF023 9012E-05	FOLIO 208
cellier				

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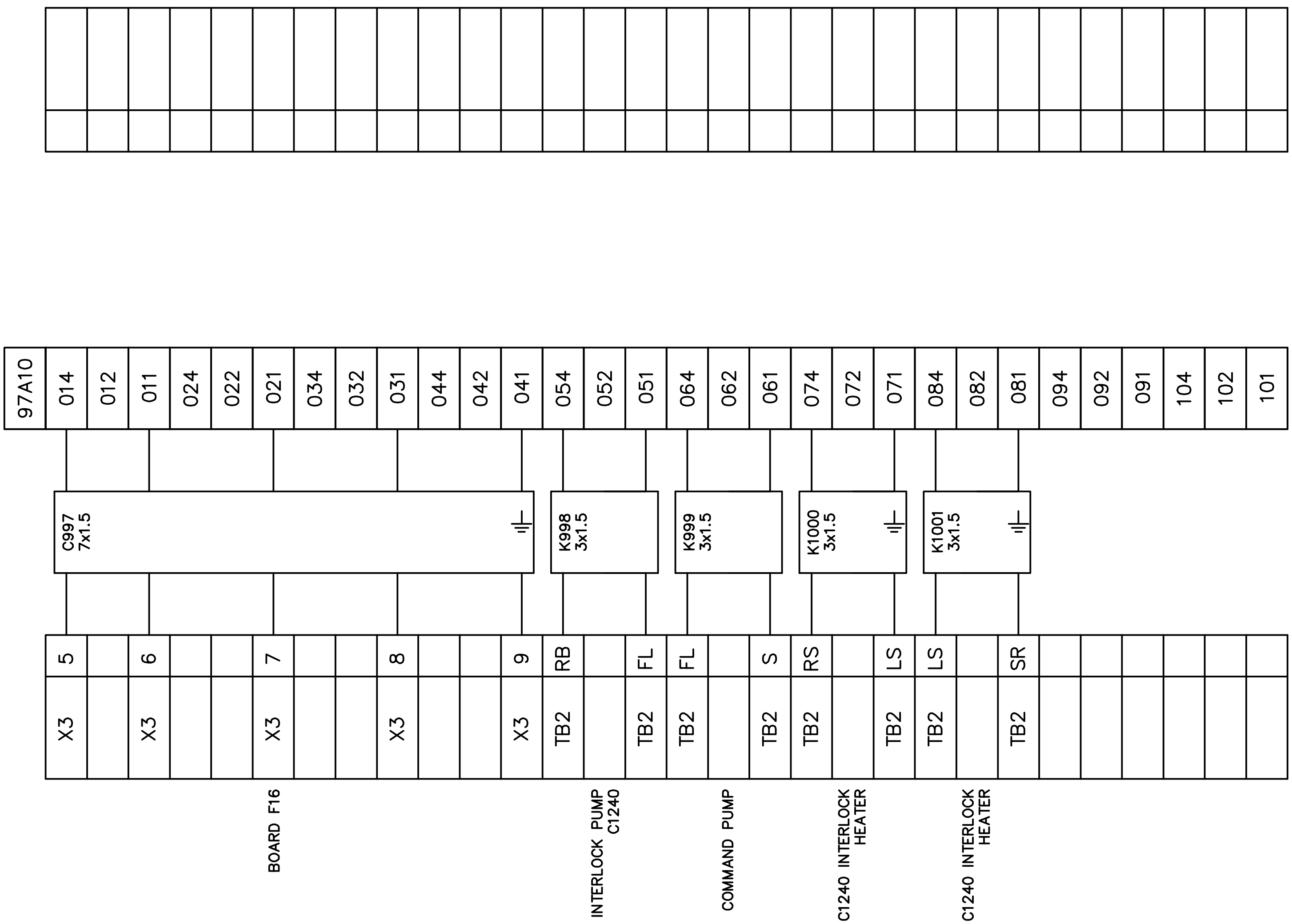

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS F12	DRAWING DESCRIPTION	KF023 F12	Page #	209		
					Total			
DRAWN BY	VICTOR WEI		DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO / REV. DESCRIPTION / REV. BY: / REV. DATE	DRAWN DATE:	12-04-2012	SCALE	NONE	UNIT	MM

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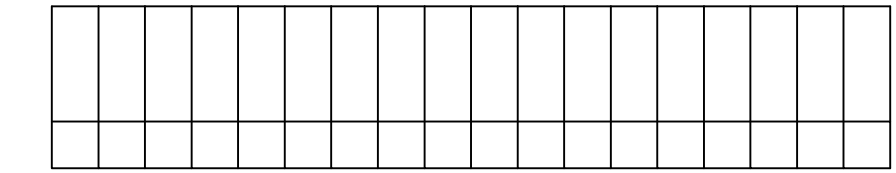

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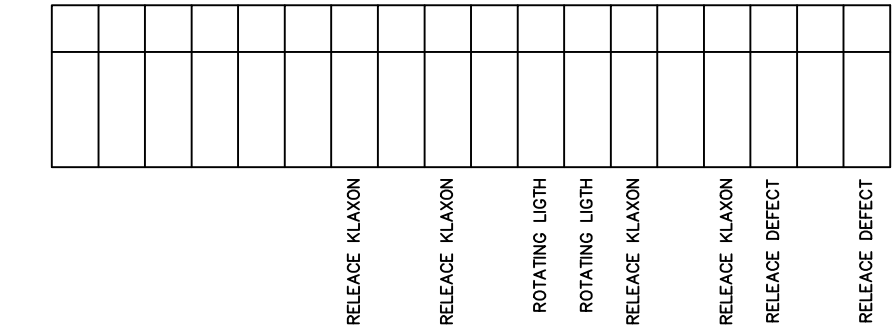

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	210	
DRAWN BY	VICTOR WEI								Total		
							DRAWING NO.		MATERIAL		
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT MM

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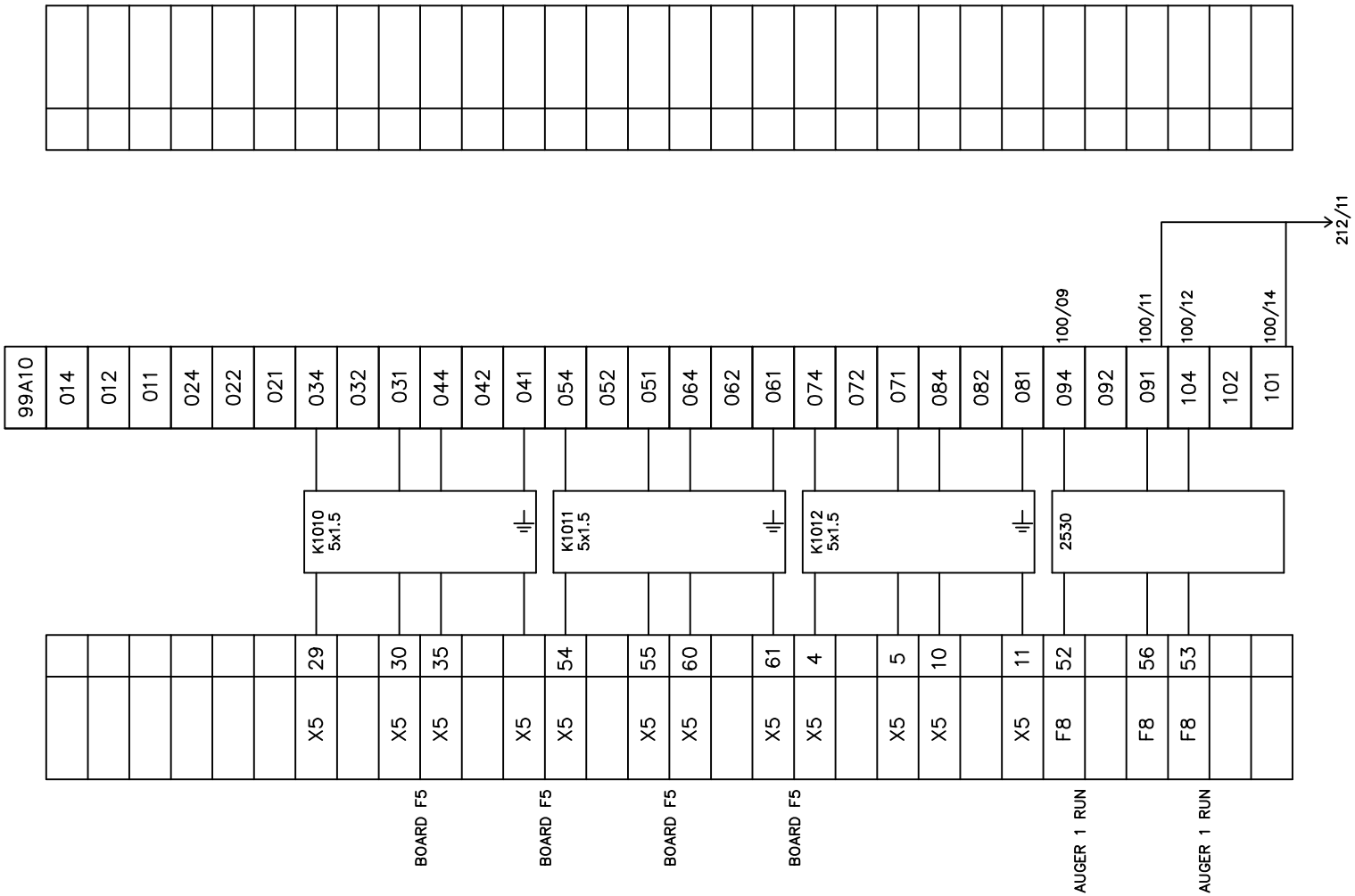

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023 F12	Page #	211	
DRAWN BY: VICTOR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 12-05-2012	SCALE	NONE	UNIT MM

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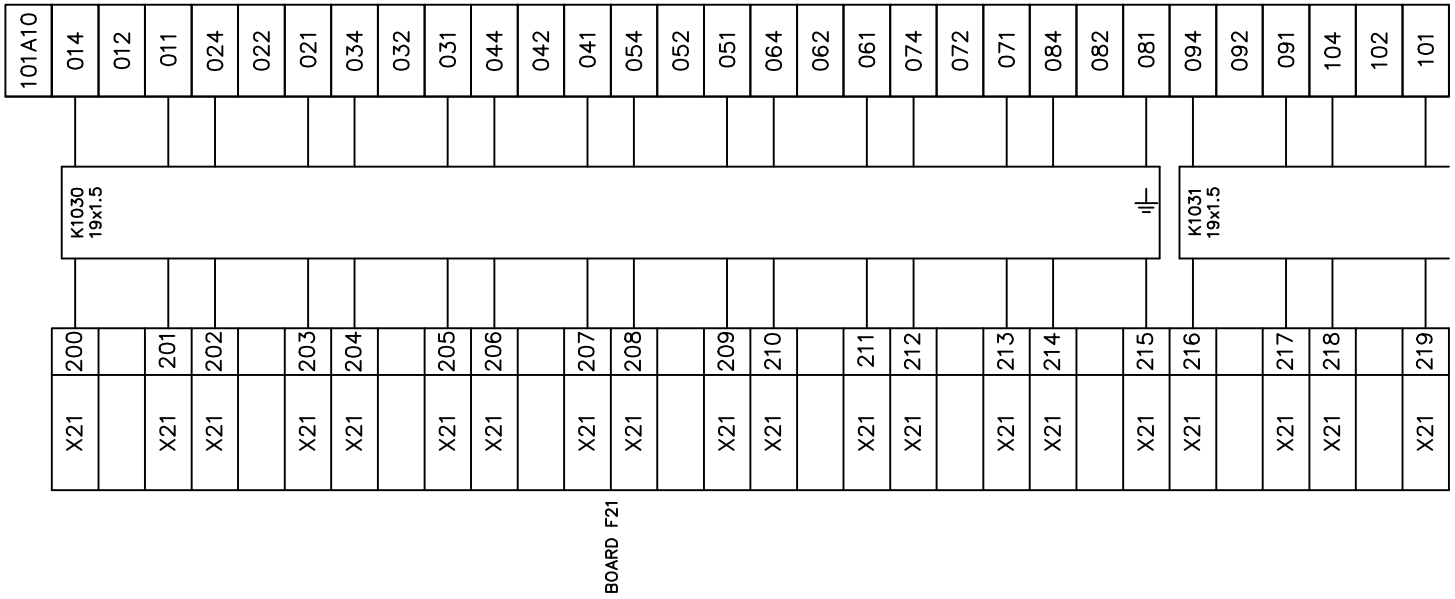

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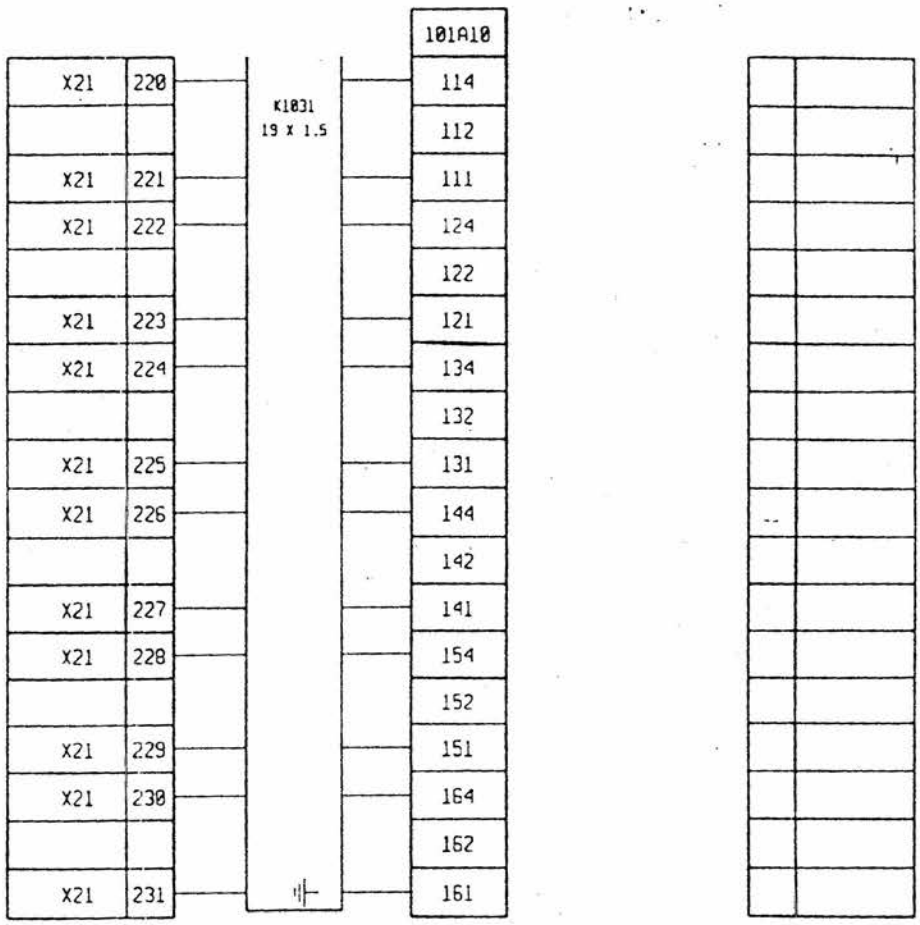
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.					DRAWING DESCRIPTION	KF023 F12	Page # 213
							Total
DRAWN BY VICTOR WEI					DRAWING NO.		MATERIAL
CHECKED BY VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 12-05-2012		SCALE NONE UNIT MM

TERMINAL BLOCKS F12

BOARD F21



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. / VERIFIE PAR P.V. / LE / LE	N° KF023 / 9012E-05
cellier			FOLIO 214

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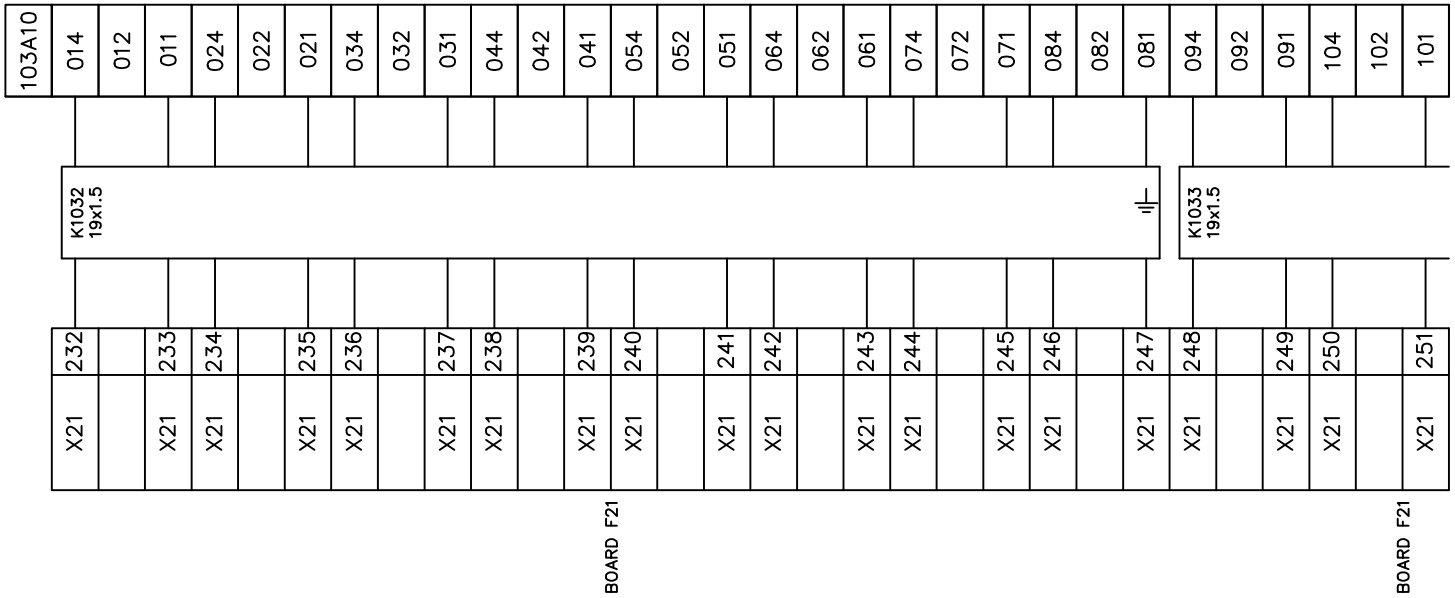

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023 F12	Page #	215	
DRAWN BY: VICTOR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
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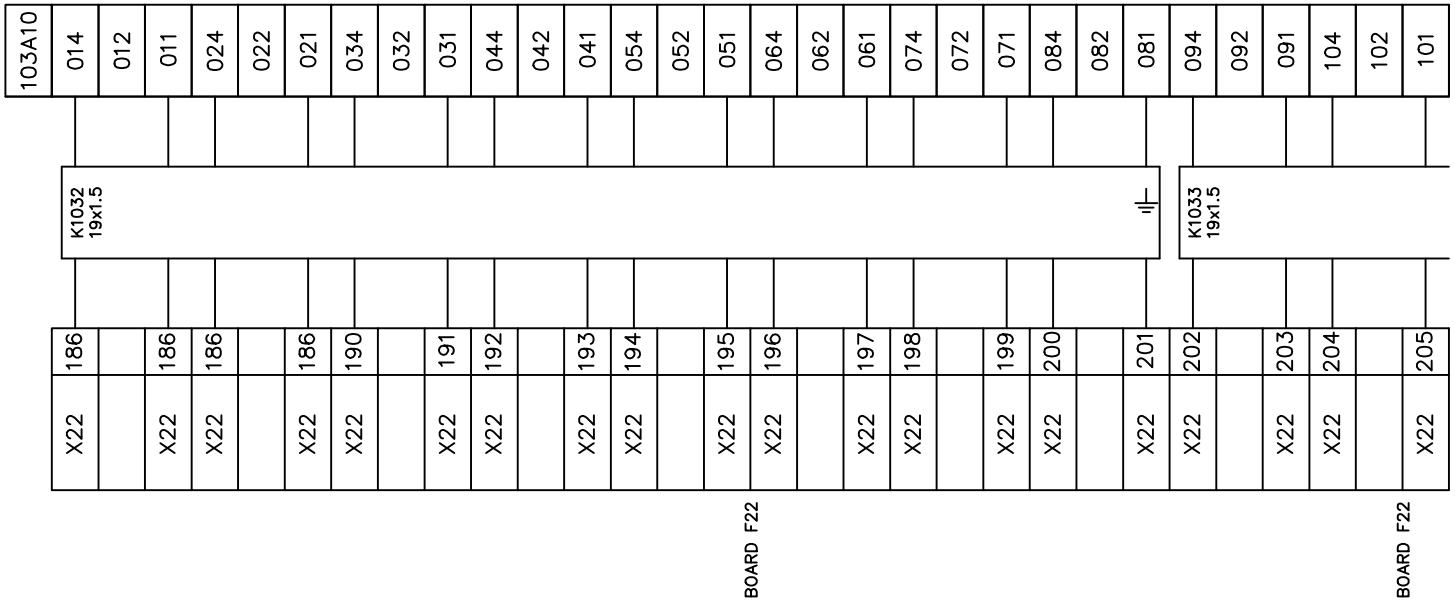

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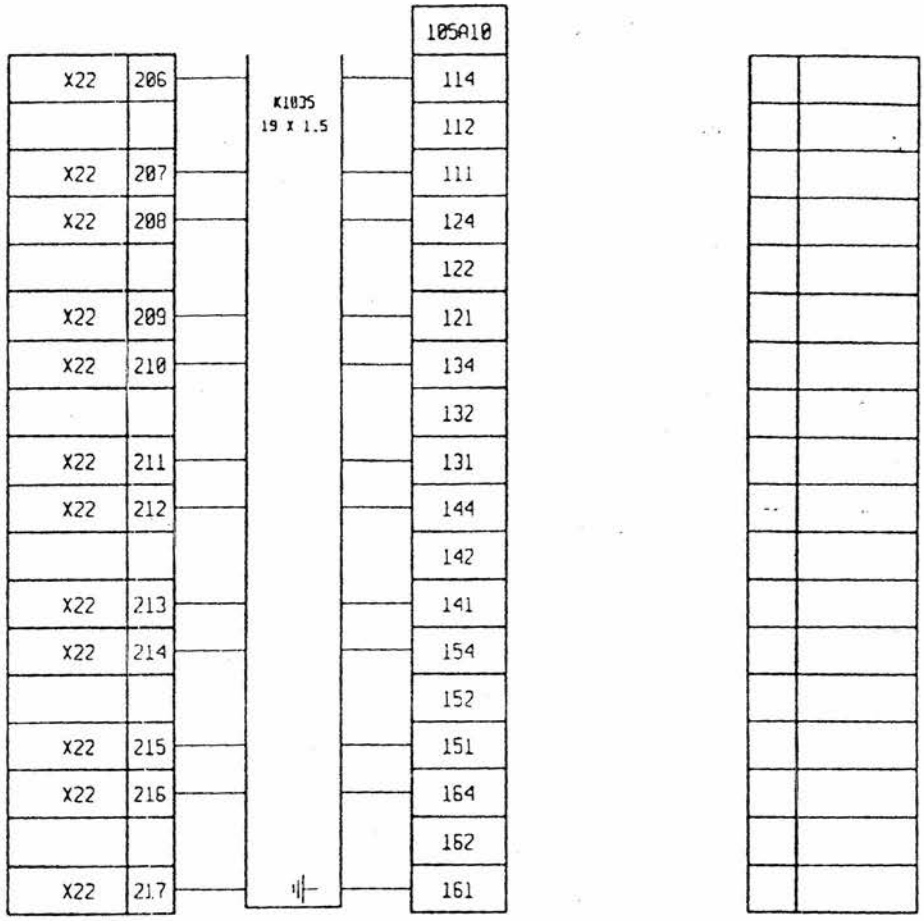
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023 F12	Page #	217	
DRAWN BY: VICTOR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 12-05-2012	SCALE	NONE	UNIT MM

BOARD F22



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.F. VERIFIE PAR P.V. LE LE	N° KF023 9012E-05

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FOLIO 218

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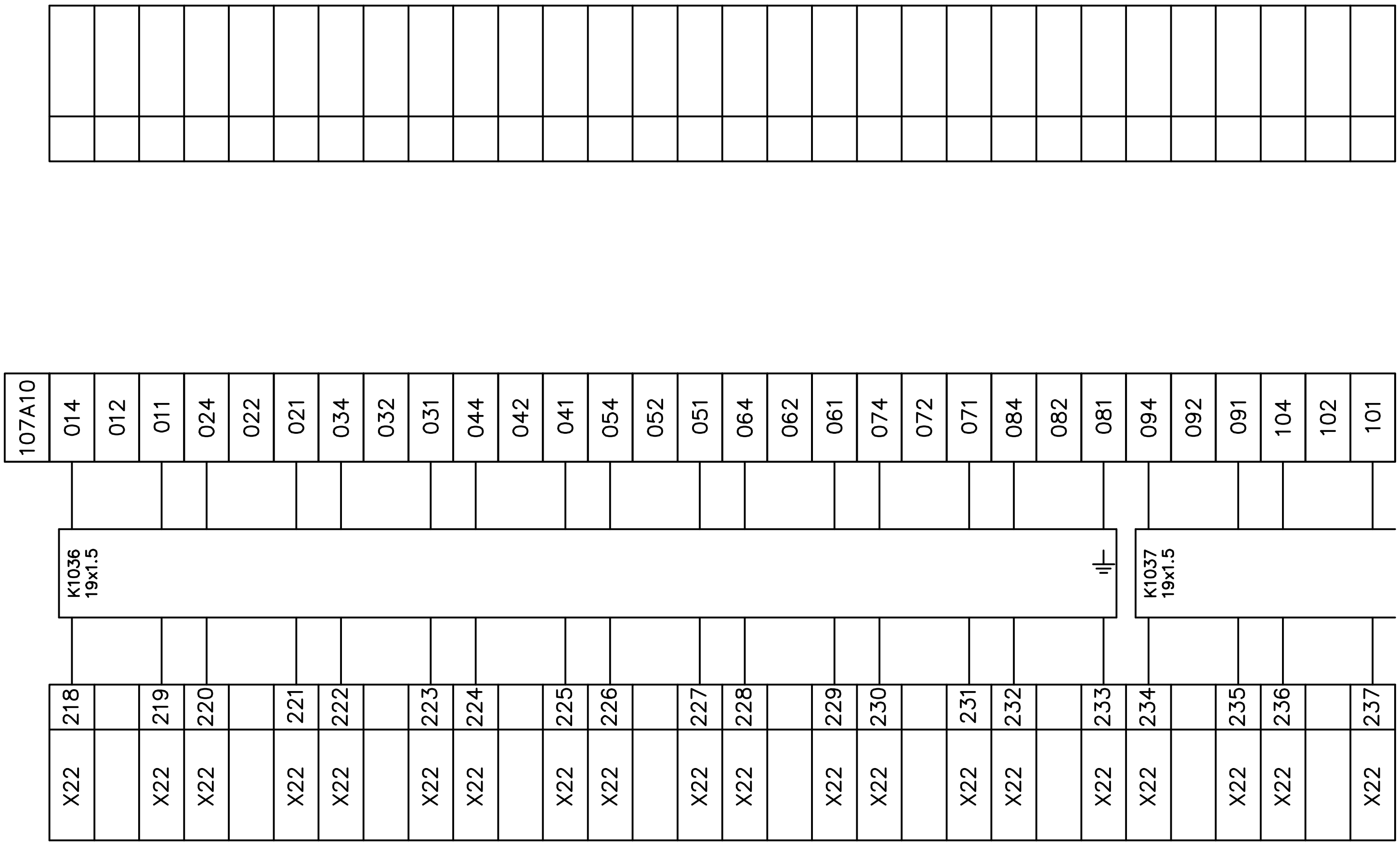

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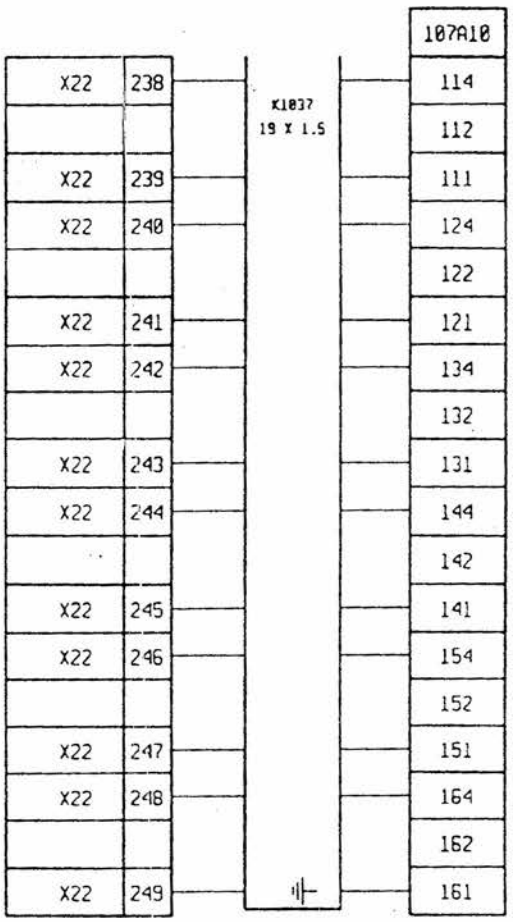
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	219
									Total	
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL	
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE NONE	UNIT MM



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. / VERIFIE PAR P.V. / LE / LE	N° KF023 9012E-05

cellier

FOLIO 220

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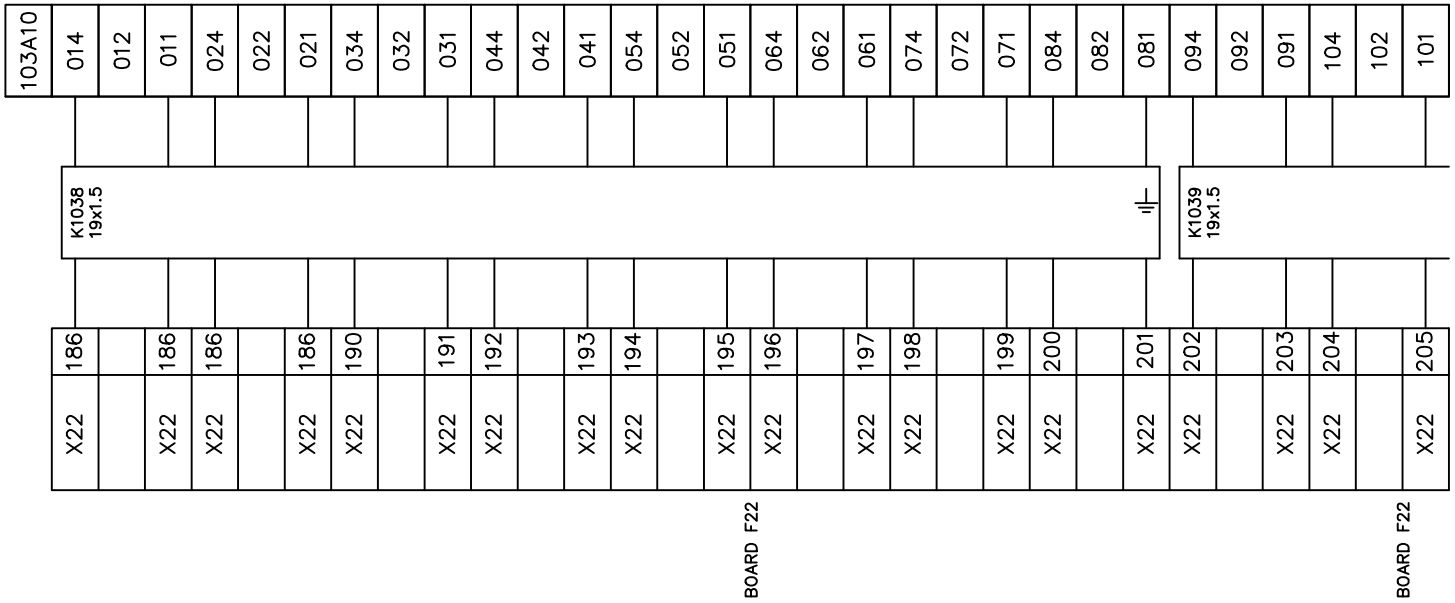

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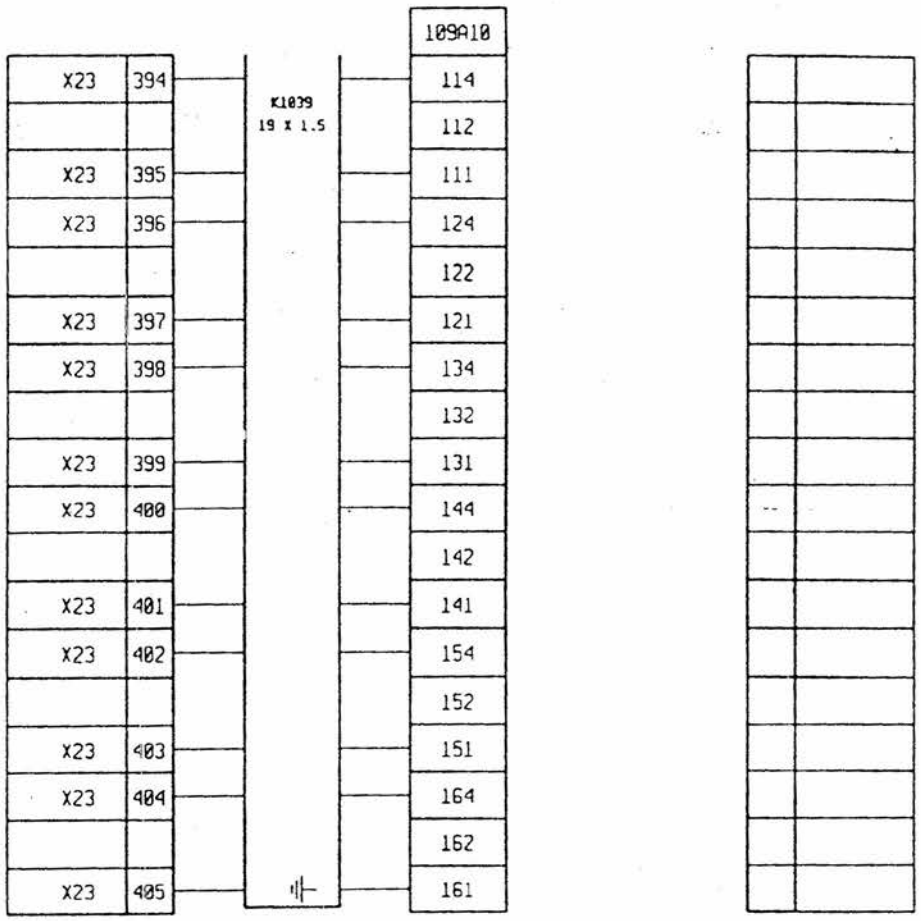
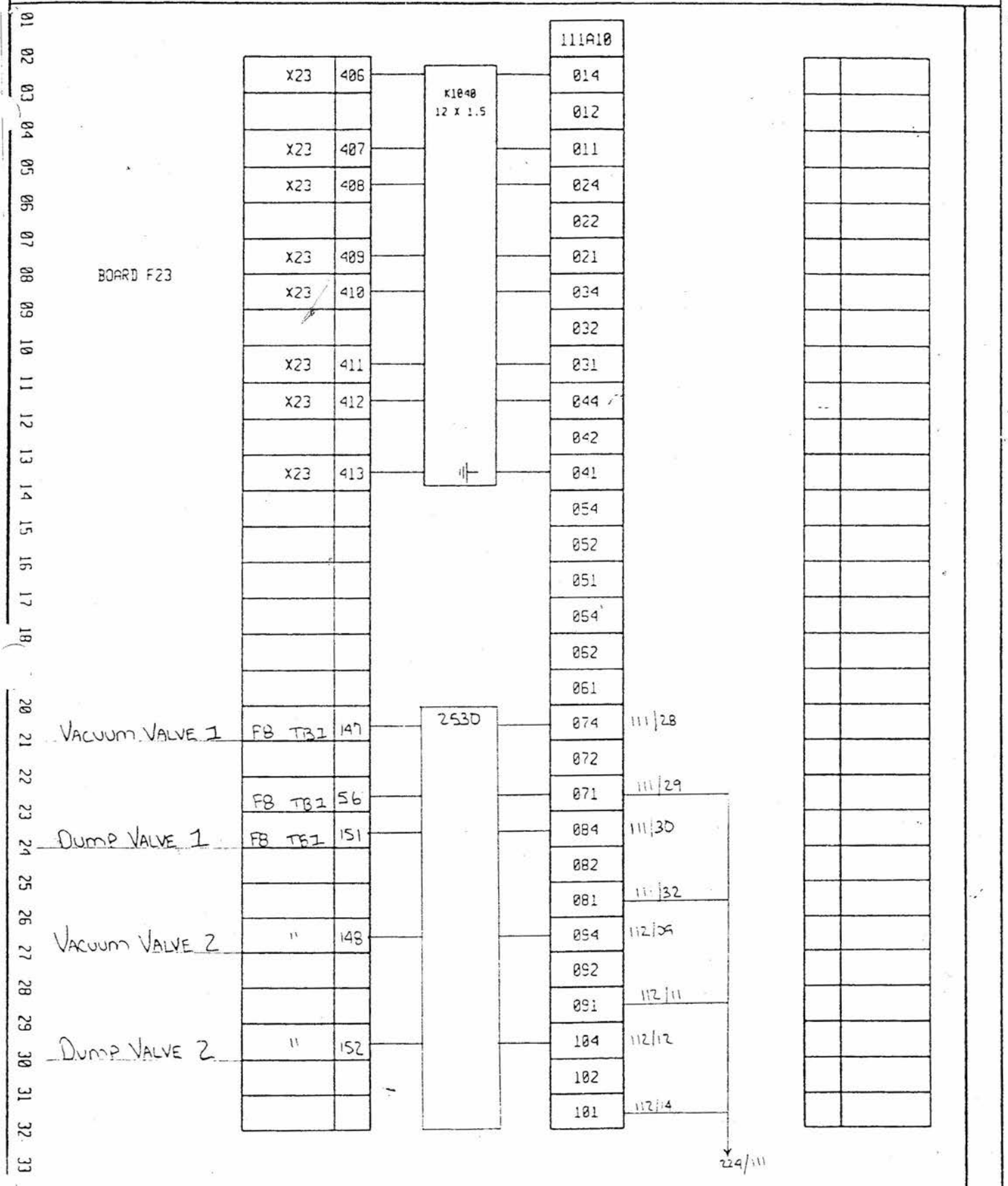
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023 F12	Page #	221	
DRAWN BY: VICTOR WEI							Total		
CHECKED BY: VINCENT HUANG					DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 12-05-2012	SCALE	NONE	UNIT MM

BOARD F23

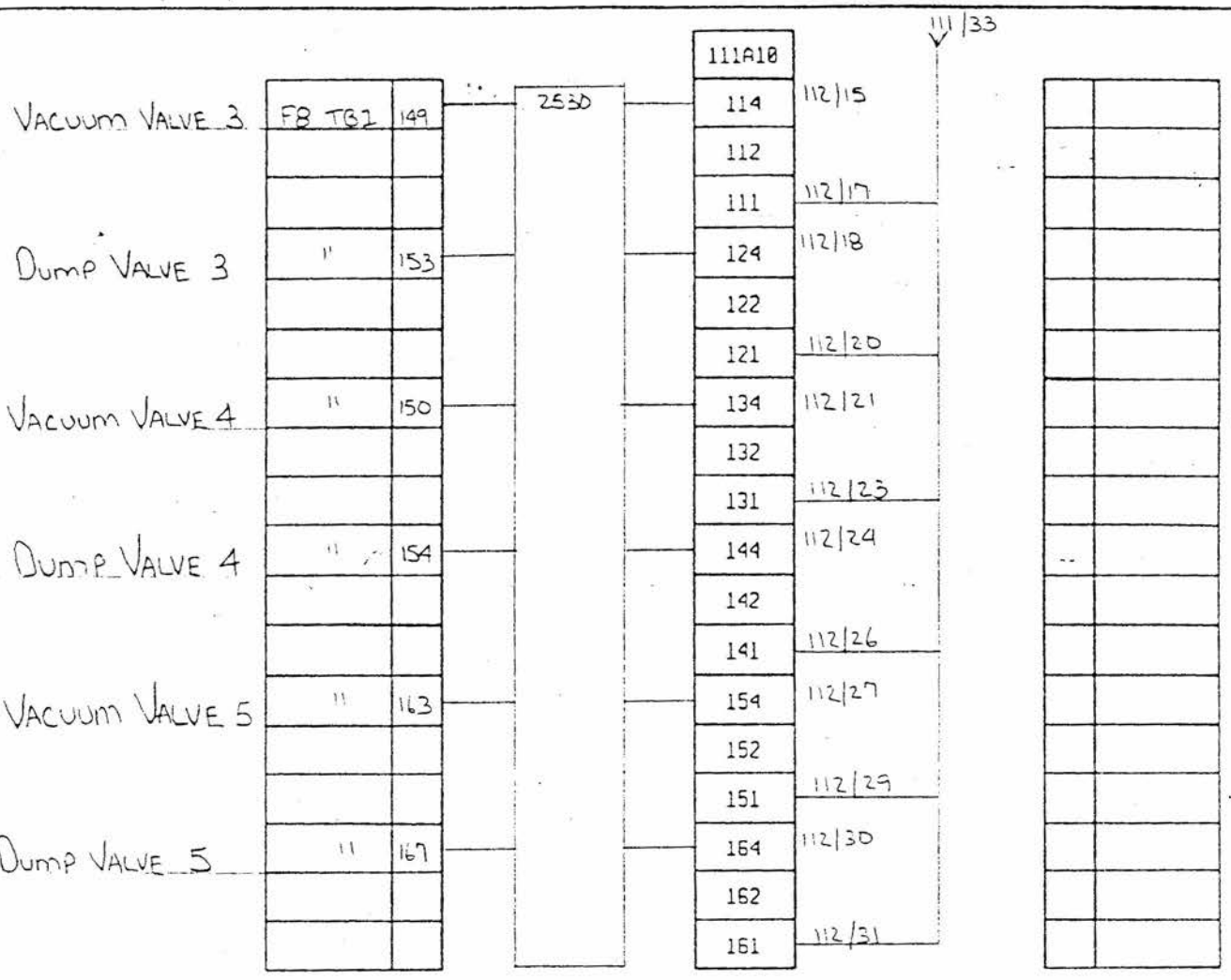


CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR J.P. VERIFIE PAR P.V. LE LE
cellier		N° KF023 9012E-05
		FOLIO 222



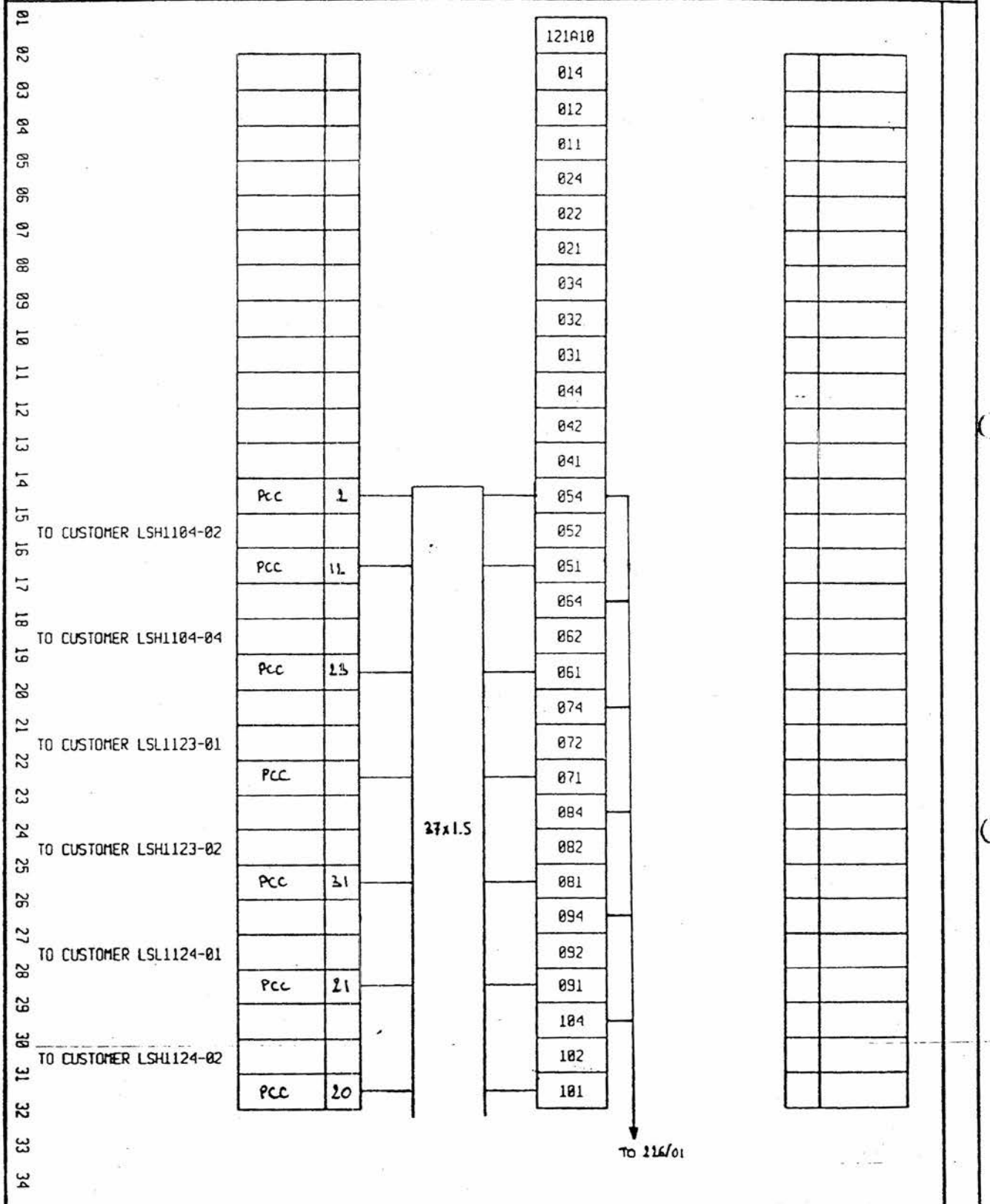
CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V.	N° KF023

FOLIO 223



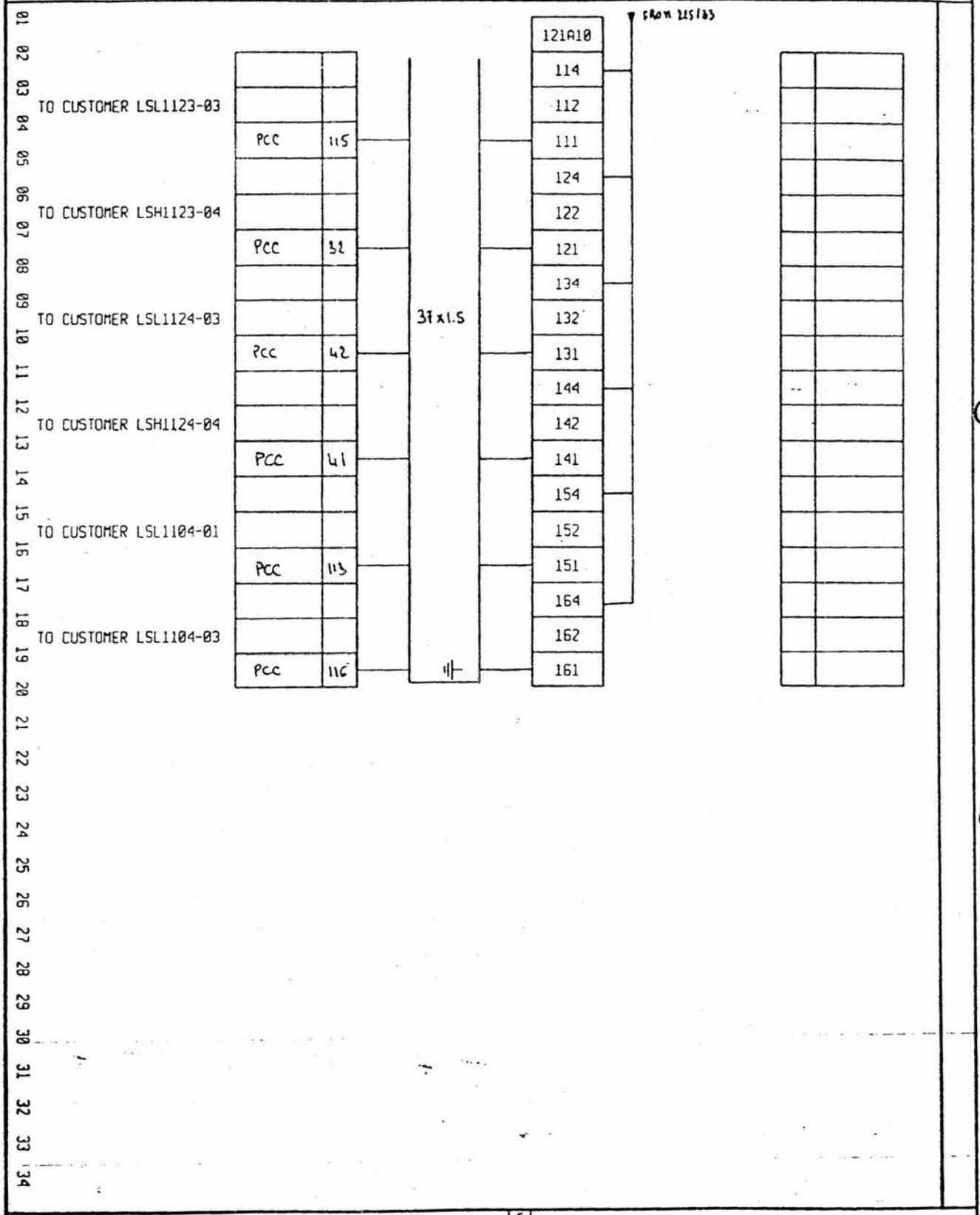
C		F	
B		E	
A		D	

CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V.	N° KF023	FOLIO 224



C				F
B	FINAL STABI.VP	06/14/95	MCM	E
A				D

CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	N° KF023 9812E-05
cellier			FOLIO 225



CLIENT : F.P.C

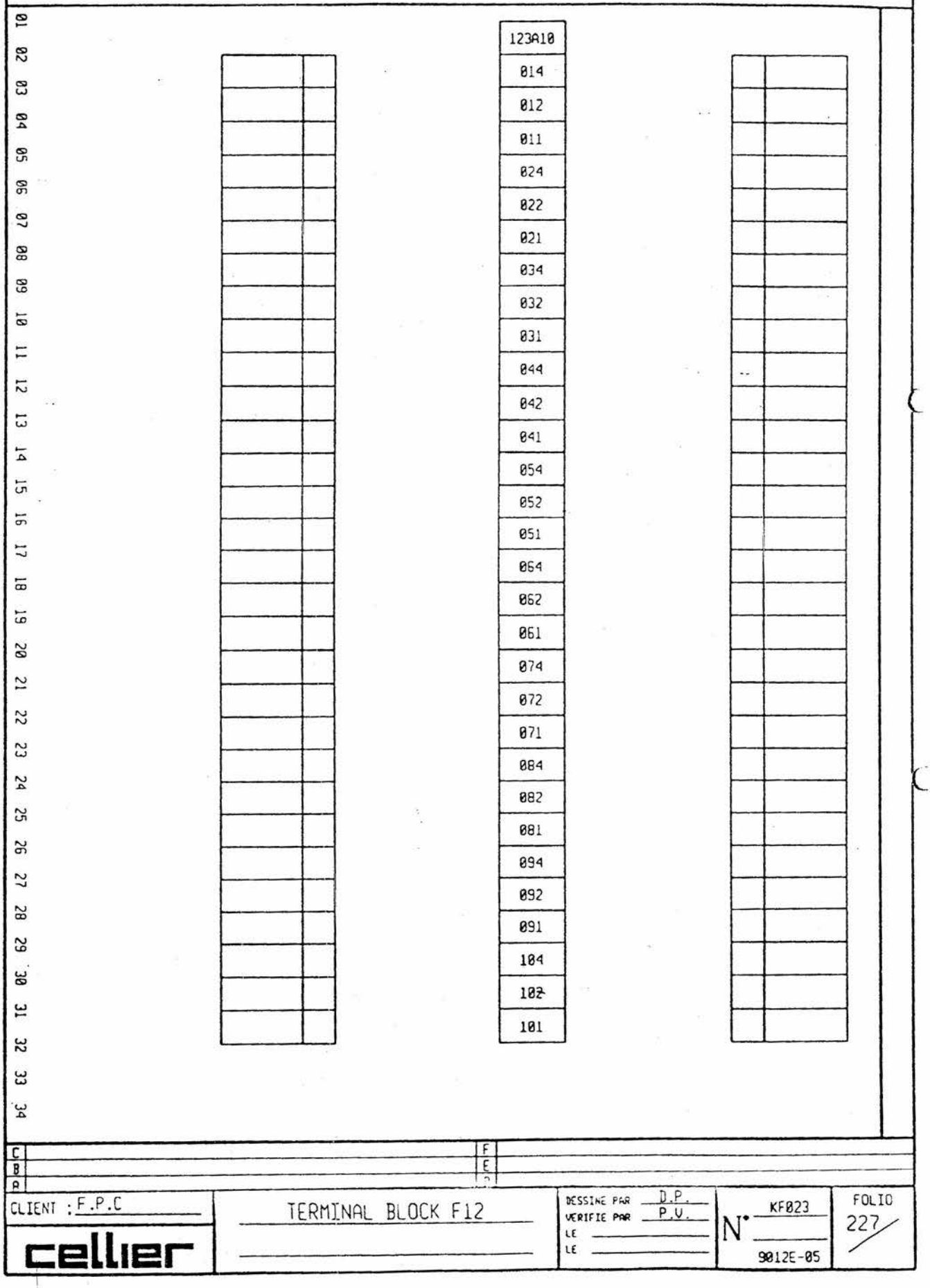
cellier

TERMINAL BLOCK F12

DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

N° KF023
9012E-05

FOLIO 226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123A10
014
012
011
024
022
021
034
032
031
044
042
041
054
052
051
064
062
061
074
072
071
084
082
081
094
092
091
104
102
101
C
B
A
F
E
CLIENT : F.P.C
cellier
TERMINAL BLOCK F12
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
N° KF023
9012E-05
FOLIO
227

LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
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103A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
105A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
107A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
109A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
10B24	1	TA2545070	TEMPERATURE SWITCH	JONSHON CONTROL
10E7	1	ZB2-BV3	LIGHT	TELEMECANIQUE
10E7	1	ZB2-BV01	LIGHT HEAD	TELEMECANIQUE
10M24	1	21345	FAN	SAREL
10M27	1	21345	FAN	SAREL
10Q5	1	3VE42_00-0CT00	CIRCUIT BREAKER 63A	SIEMENS
10Q7	1	5SX21053HC	CIRCUIT BREAKER CURVE C 0.5A	SIEMENS
10Q11	1	5SX21103HC	CIRCUIT BREAKER CURVE C 10A	SIEMENS
10Q14	1	5SX21103HC	CIRCUIT BREAKER CURVE C 10A	SIEMENS
10Q24	1	5SX21103HC	CIRCUIT BREAKER CURVE C 10A	SIEMENS
10Q31	1	5SX21023HC	CIRCUIT BREAKER CURVE C 2A	SIEMENS
111A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
11A2	1	F24_12A	SUPPLY 24Vdc	POWER_ONE
11Q7	1	5SX21013HC	CIRCUIT BREAKER CURVE C 1A	SIEMENS
11Q9	1	5SX21013HC	CIRCUIT BREAKER CURVE C 1A	SIEMENS
11Q12	1	5SX21013HC	CIRCUIT BREAKER CURVE C 1A	SIEMENS
11Q14	1	5SX21013HC	CIRCUIT BREAKER CURVE C 1A	SIEMENS
11Q17	1	5SX21013HC	CIRCUIT BREAKER CURVE C 1A	SIEMENS

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DESSINE PAR D.P.
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FOLIO 230

N° KF023 F12 9012E-05

LIST OF EQUIPMENT

CLIENT : E.P.C

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
11Q19	1	5SX21013HQ	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q22	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q24	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q27	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q4.1	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
11Q4.2	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
121A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
123A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
125A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
127A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
12A5	1	HE24_7_2A	SUPPLY 24VDC	POWER_ONE
12Q9	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q12	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q14	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q17	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q19	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q22	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q24	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q27	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q29	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q7.1	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
12Q7.2	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
130A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO

FOLIO 231

N° KF023 F12 9812E-05

DESSINE PAR D.P.
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LIST OF EQUIPMENT

CLIENT : F.P.C

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
130A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
130A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
130Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
130Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
131A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
131A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
131A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
131Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
131Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
132A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
132A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
132A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
132Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
132Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
133A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
133A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
133A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
133Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
133Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
134A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
134A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
134A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
134Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS

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CLIENT : E.P.C

LIST OF EQUIPMENT

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N° KF023 F12 9812E-05

FOLIO 232

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
134Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
135A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
135A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
135Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
136A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
136A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
136Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
137A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
137A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
137Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
140A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
140A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
140Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
141A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
141A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
141Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
142A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER

FOLIO 233

N° KF023 F12 98126-05

DESSINE PAR D.P.
VERIFIE PAR P.V.
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LIST OF EQUIPMENT

CLIENT : E.P.C.

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
142A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
142Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
143A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
143A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
143Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
144A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
144A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
144Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
145A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
145A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
145Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
146A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
146A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
146Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
147A4	1	TRS112	WEIGHING_TRANSMETTER	PESAGE_PROMOTION
147Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
14A3	1	F24_12A	SUPPLY 24Vdc	POWER_ONE
14Q4	1	5SX21023HG	CIRCUIT BREAKER CURVE G 2A	SIEMENS
14Q5	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
14Q11	1	5SX21033HG	CIRCUIT BREAKER CURVE G 3A	SIEMENS
14Q16	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q21	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q25	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS

FOLIO 234

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DESSINE PAR D.P.
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LIST OF EQUIPMENT

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
14Q29	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q33	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
15Q11	1	5SX21033HG	CIRCUIT BREAKER CURVE G 3A	SIEMENS
15Q20	1	5SX21253HG	CIRCUIT BREAKER CURVE G 25A	SIEMENS
16Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q15	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q18	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q20	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q11	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q18	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q24	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q30	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q8	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q12	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q16	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q21	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q25	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q29	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q33	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
19Q6	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
20KA19	1	LA4-DA1U	RC_FILTER	
20KA19	1	LA1-DN40	CONTACT BLOCK	TELEMECANIQUE

FOLIO 235

N° KF023 F12 98125-05

DESSINE PAR J.P.
VERIFIE PAR P.V.
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LIST OF EQUIPMENT

CLIENT : F.P.C

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
20KA19	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
20KA22	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
20KA22	1	LA1-DN22	CONTACT BLOCK	TELEMECANIQUE
20KA22	1	LA4-DA1U	RC_FILTER	TELEMECANIQUE
20Q3	1	5SX21023HG	CIRCUIT BREAKER CURVE G 2A	SIEMENS
23KA9	1	LA4-DA1U	RC_FILTER	TELEMECANIQUE
23KA9	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
23KA20	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
23KA20	1	LA4-DA1U	RC_FILTER	TELEMECANIQUE
23Q3	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q7	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q9	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q20	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
24Q4	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q9	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q13	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q18	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q22	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
97A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
99A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI

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FOLIO 236

N° KF023 F12 98125-05

DESSINE PAR D.P. LE

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LIST OF EQUIPMENT

CLIENT : F.P.C

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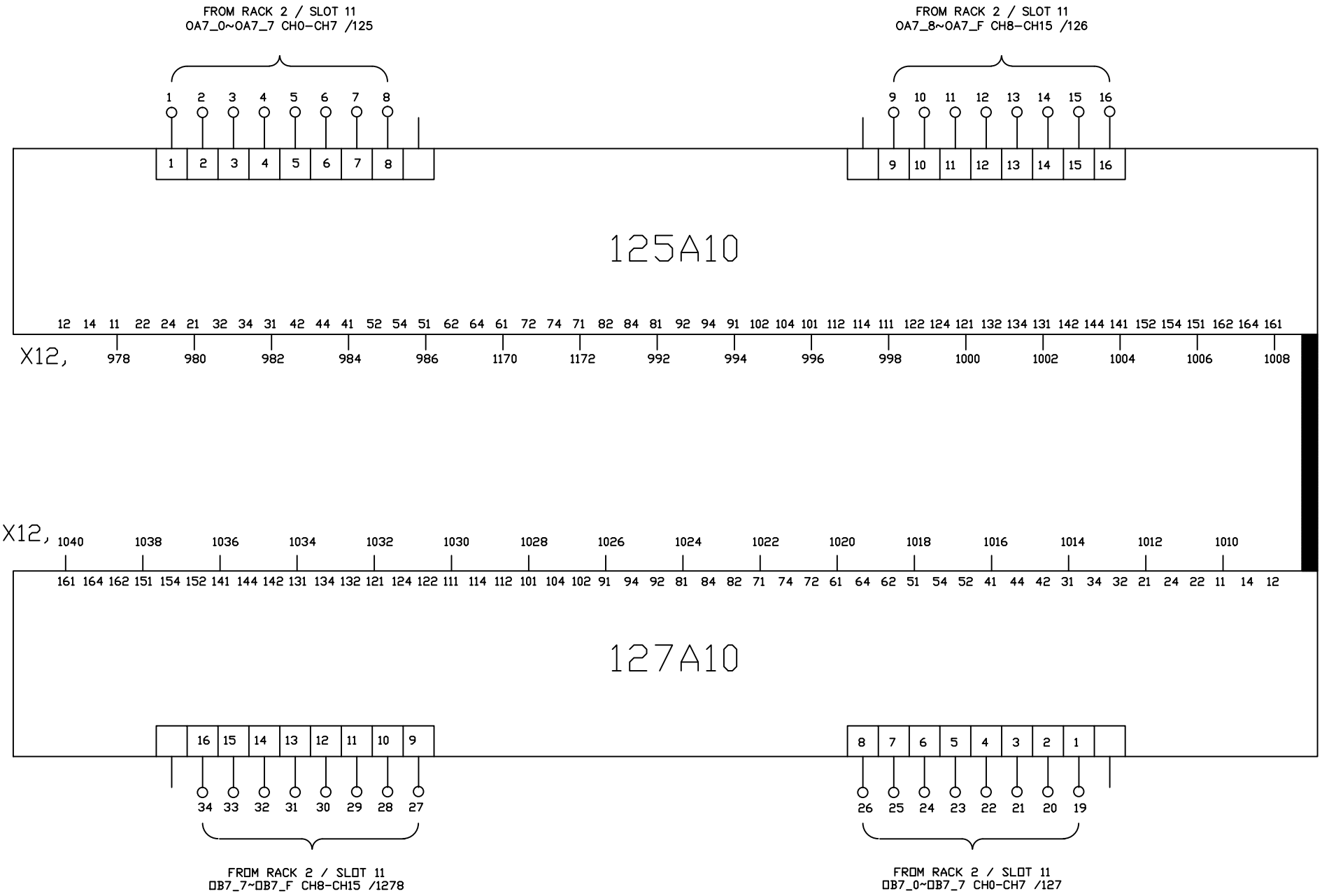

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.							DRAWING DESCRIPTION	KF023 F12	Page #	237			
									Total				
DRAWN BY	Charlie Zhang	Line1 DOOR 4 RELAY							MATERIAL				
CHECKED BY	JERRY WU		1		Edwin Lee	06/17/20	DRAWING NO.		SCALE	NONE	UNIT	MM	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:						

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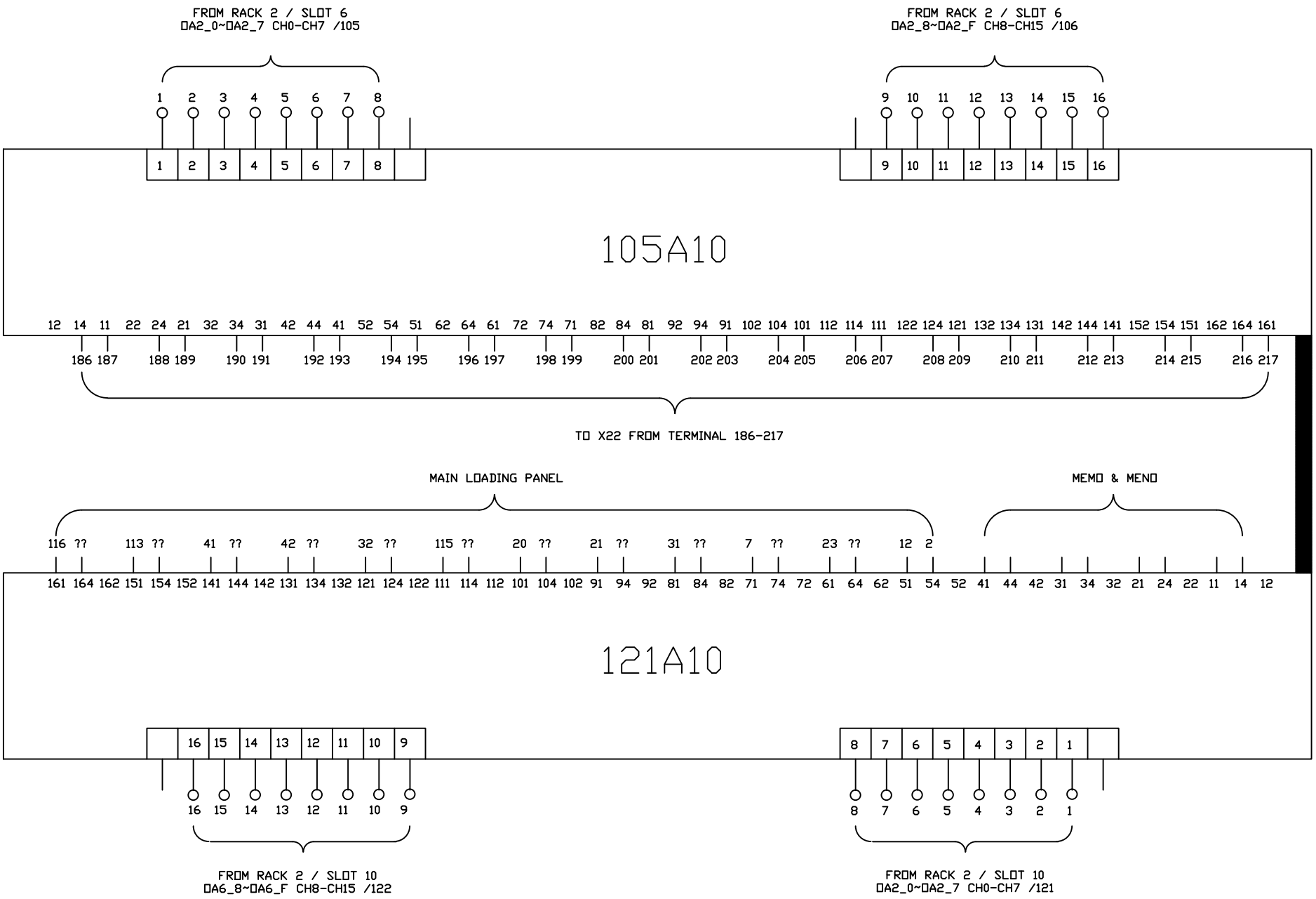

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	238	
DRAWN BY	Rufus Huang								Total		
CHECKED BY	JERRY WU		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

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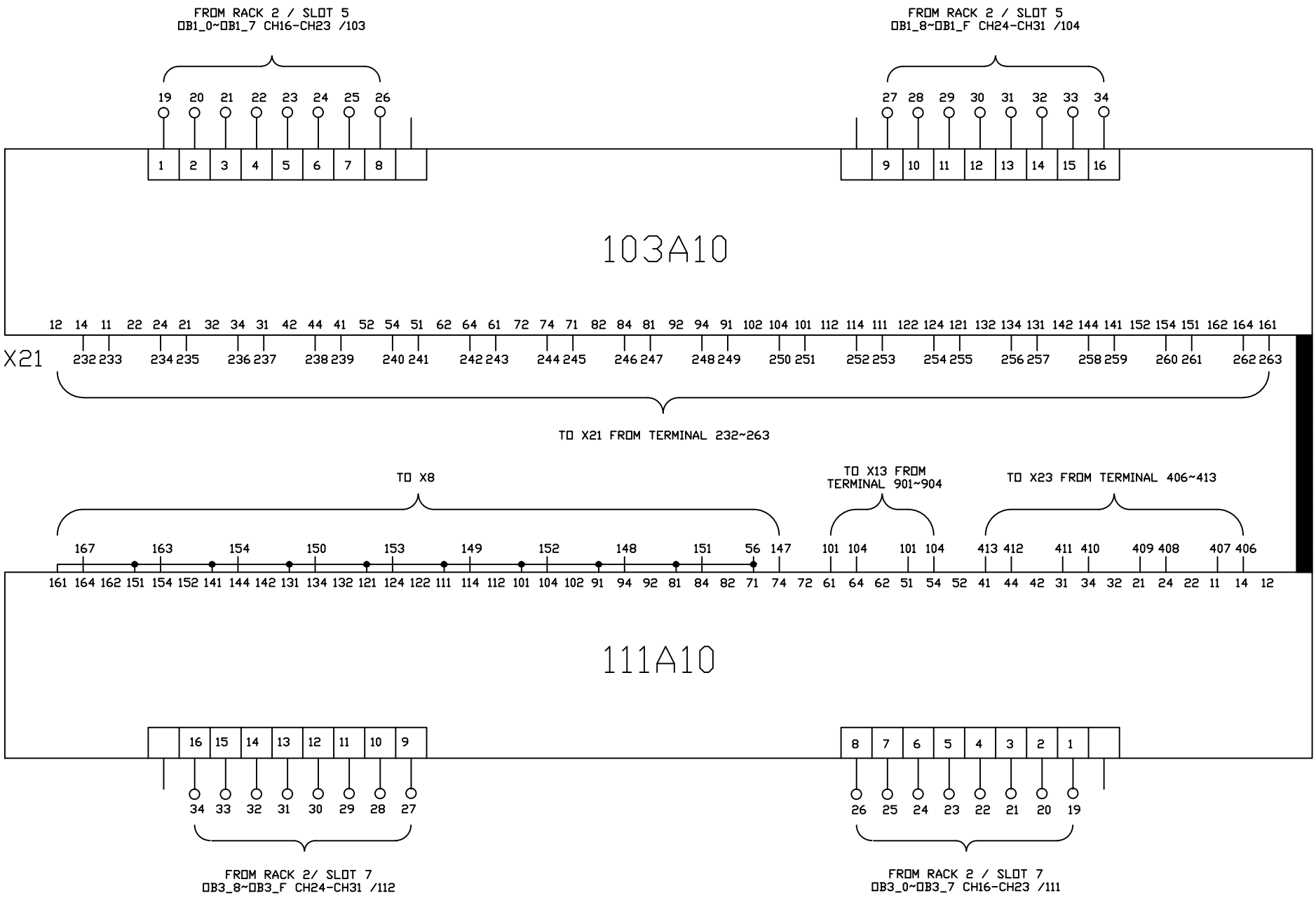

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12	Page #	239
								Total	
DRAWN BY	Rufus Huang	1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE NONE	UNIT MM

Line1 DOOR 5 RELAY

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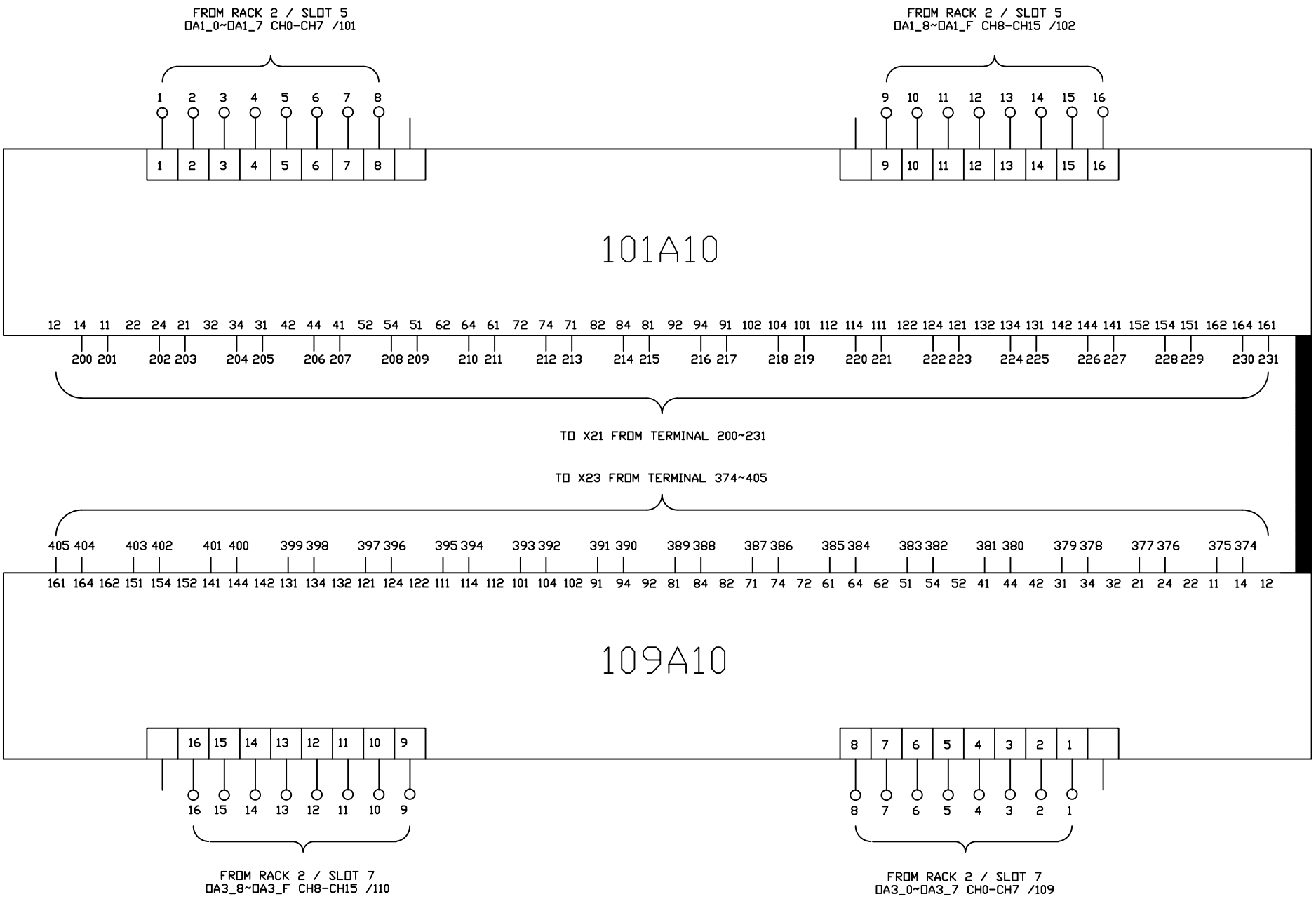

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12	Page #	240
								Total	
DRAWN BY	Rufus Huang	1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE NONE	UNIT MM

Line1 DOOR 5 RELAY

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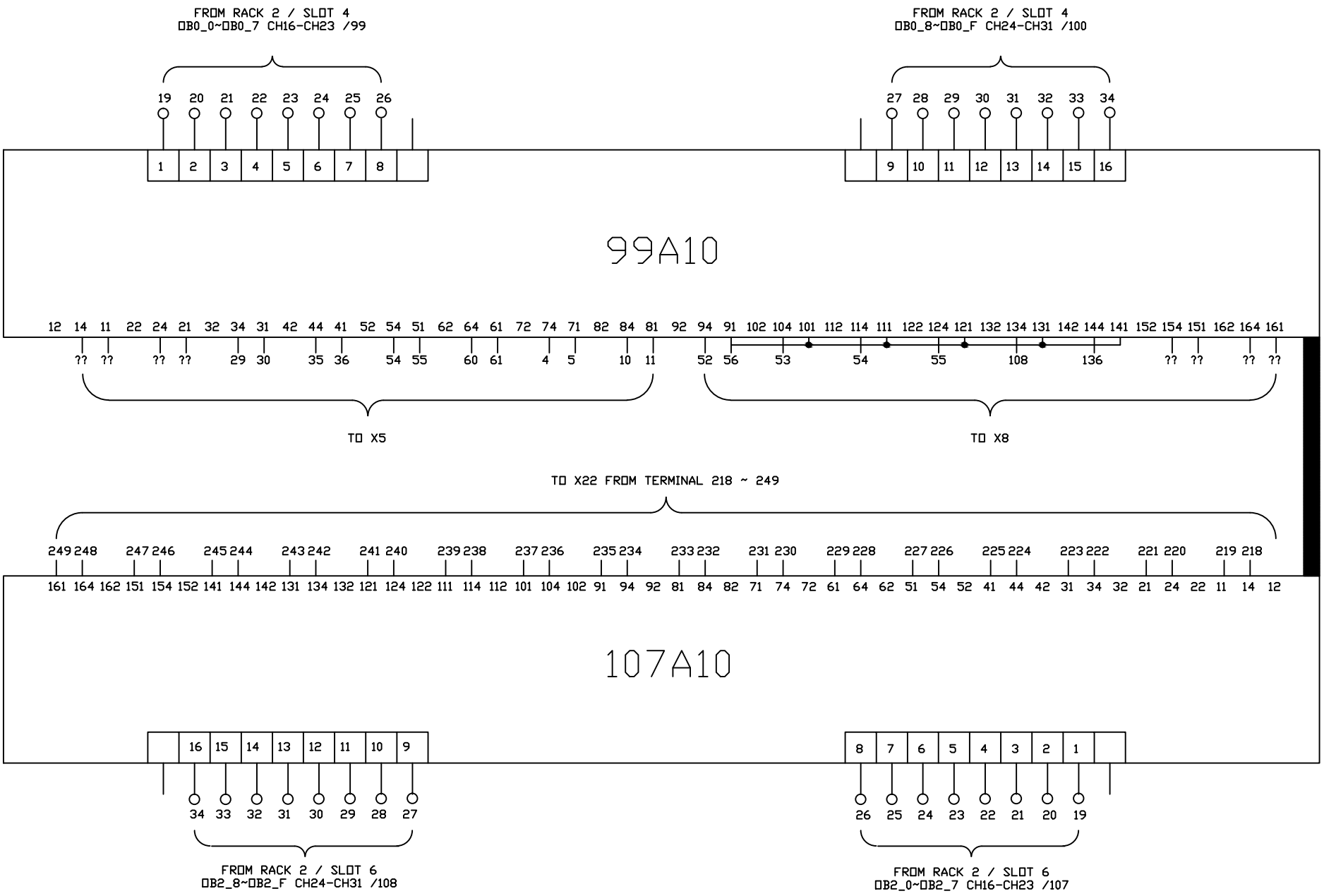

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.						DRAWING DESCRIPTION	KF023 F12	Page #	241
								Total	
DRAWN BY	Rufus Huang	Line1 DOOR 5 RELAY						MATERIAL	
CHECKED BY	JERRY WU	1		Edwin Lee	06/17/20	DRAWING NO.		SCALE NONE	UNIT MM
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:			

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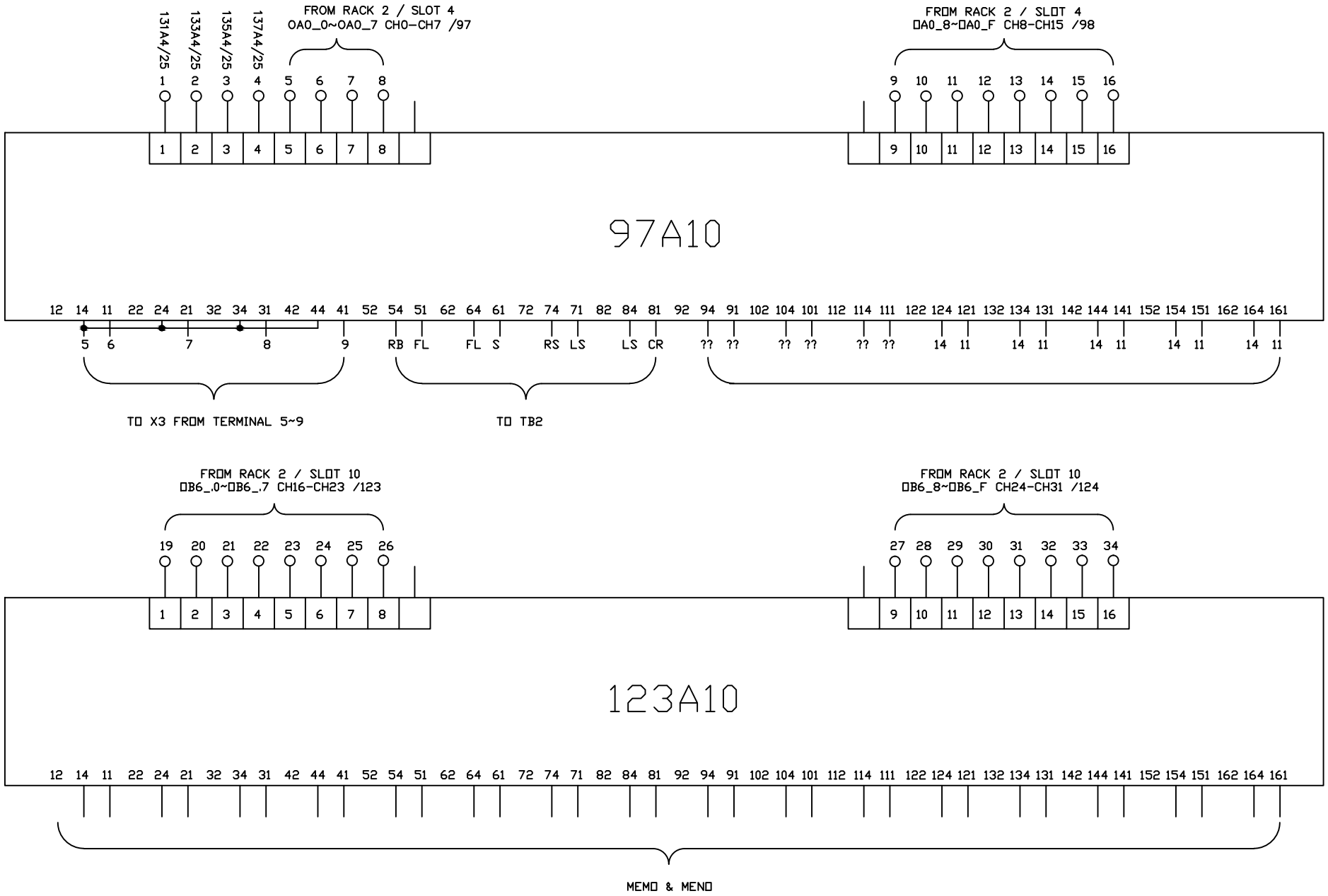

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	242	
DRAWN BY	Rufus Huang		2		Edwin Lee	06/17/20			Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	06/06/19	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S2	BLK	MAINT EXT. ZONE 1	F12 / DOOR 1	X12	180	DOOR 2 / R0	SLOT 2	1	P32-33, CH. 0
"	RD	"	"	"	182	"	"	3	"
"	ORG	"	"	"	183	"	"	5	"
"	WHT	MAINT EXT. ZONE 2	F12 / DOOR 1	X12	184	DOOR 2 / R0	"	2	P32-33, CH. 1
"	GRN	"	"	"	186	"	"	4	"
"	BLU	"	"	"	187	"	"	6	"
"	WHT/BLK	MAINT EXT. ZONE 3	F12 / DOOR 1	X12	188	DOOR 2 / R0	"	7	P32-33, CH. 2
"	GRN/BLK	"	"	"	190	"	"	9	"
"	BLU/BLK	"	"	"	191	"	"	11	"
"	RD/BLK	MAINT EXT. ZONE 4	F12 / DOOR 1	X12	192	DOOR 2 / R0	"	8	P32-33, CH. 3
"	ORG/BLK	"	"	"	194	"	"	10	"
"	BLK/WHT	"	"	"	195	"	"	12	"
"	BLU/WHT	MAINT EXT. ZONE	F12 / DOOR 1	X12	196	DOOR 2 / R0	"	15	P32-33, CH. 4
"	WHT/RD	"	"	"	198	"	"	17	"
"	BLU/RD	"	"	"	199	"	"	19	"
"	BLK/RD	FILTER HEATER 1	F12 / DOOR 1	X12	200	DOOR 2 / R0	"	16	P32-33, CH. 5
"	ORG/RD	"	"	"	202	"	"	18	"
"	RD/GRN	"	"	"	203	"	"	20	"
R0S3	BLK	FILTER HEATER 3	F12 / DOOR 1	X12	204	DOOR 2 / R0	SLOT 3	1	P33-34, CH. 0
"	RD	"	"	"	206	"	"	3	"
"	ORG	"	"	"	207	"	"	5	"
"	WHT	FILTER HEATER 2	F12 / DOOR 1	X12	208	DOOR 2 / R0	"	2	P33-34, CH. 1
"	GRN	"	"	"	210	"	"	4	"
"	BLU	"	"	"	211	"	"	6	"
"	WHT/BLK	FIRST MELT LINE 1	F12 / DOOR 1	X12	212	DOOR 2 / R0	"	7	P33-34, CH. 2
"	GRN/BLK	"	"	"	214	"	"	9	"
"	BLU/BLK	"	"	"	215	"	"	11	"
"	RD/BLK	FIRST MELT LINE 2	F12 / DOOR 1	X12	216	DOOR 2 / R0	"	8	P33-34, CH. 3
"	ORG/BLK	"	"	"	218	"	"	10	"
"	BLK/WHT	"	"	"	219	"	"	12	"
"	BLU/WHT	FIRST MELT LINE 3	F12 / DOOR 1	X12	220	DOOR 2 / R0	"	15	P33-34, CH. 4
"	WHT/RD	"	"	"	222	"	"	17	"
"	BLU/RD	"	"	"	223	"	"	19	"
"	BLK/RD	FIRST MELT LINE 4	F12 / DOOR 1	X12	224	DOOR 2 / R0	"	16	P33-34, CH. 5
"	ORG/RD	"	"	"	226	"	"	18	"
"	RD/GRN	"	"	"	227	"	"	20	"

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION	RACK 0 SLOT 2 RACK 0 SLOT 3	Page #	243
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:		SCALE	NONE
		UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S4	BLK	SEC. EXT. ZONE 1	F12 / DOOR 1	X12	228	DOOR 2 / R0	SLOT 4	1	P35-36, CH. 0
"	RD	"	"	"	230	"	"	3	"
"	ORG	"	"	"	231	"	"	5	"
"	WHT	SEC. EXT. ZONE 2	F12 / DOOR 1	X12	232	DOOR 2 / R0	"	2	P35-36, CH. 1
"	GRN	"	"	"	234	"	"	4	"
"	BLU	"	"	"	235	"	"	6	"
"	WHT/BLK	SEC. EXT. ZONE 3	F12 / DOOR 1	X12	236	DOOR 2 / R0	"	7	P35-36, CH. 2
"	GRN/BLK	"	"	"	238	"	"	9	"
"	BLU/BLK	"	"	"	239	"	"	11	"
"	RD/BLK	SEC. EXT. ZONE 4	F12 / DOOR 1	X12	240	DOOR 2 / R0	"	8	P35-36, CH. 3
"	ORG/BLK	"	"	"	242	"	"	10	"
"	BLK/WHT	"	"	"	243	"	"	12	"
"	BLU/WHT	FILTER ADAPTOR	F12 / DOOR 1	X12	244	DOOR 2 / R0	"	15	P35-36, CH. 4
"	WHT/RD	"	"	"	246	"	"	17	"
"	BLU/RD	"	"	"	247	"	"	19	"
"	BLK/RD	FILTER HEATER 1	F12 / DOOR 1	X12	248	DOOR 2 / R0	"	16	P35-36, CH. 5
"	ORG/RD	"	"	"	250	"	"	18	"
"	RD/GRN	"	"	"	251	"	"	20	"
R0S5	BLK	FILTER HEATER 2	F12 / DOOR 1	X12	252	DOOR 2 / R0	SLOT 5	1	P36-37, CH. 0
"	RD	"	"	"	254	"	"	3	"
"	ORG	"	"	"	255	"	"	5	"
"	WHT	FILTER HEATER 3	F12 / DOOR 1	X12	256	DOOR 2 / R0	"	2	P36-37, CH. 1
"	GRN	"	"	"	258	"	"	4	"
"	BLU	"	"	"	259	"	"	6	"
"	WHT/BLK	STATIC MIXER HEATER	F12 / DOOR 1	X12	260	DOOR 2 / R0	"	7	P36-37, CH. 2
"	GRN/BLK	"	"	"	262	"	"	9	"
"	BLU/BLK	"	"	"	263	"	"	11	"
"	RD/BLK	STATIC MIXER CONNECTIONS	F12 / DOOR 1	X12	264	DOOR 2 / R0	"	8	P36-37, CH. 3
"	ORG/BLK	"	"	"	266	"	"	10	"
"	BLK/WHT	"	"	"	267	"	"	12	"
"	BLU/WHT	HEATING OF DIVERTER	F12 / DOOR 1	X12	268	DOOR 2 / R0	"	15	P36-37, CH. 4
"	WHT/RD	"	"	"	270	"	"	17	"
"	BLU/RD	"	"	"	271	"	"	19	"
"	BLK/RD	DIE ZONE 1	F12 / DOOR 1	X12	272	DOOR 2 / R0	"	16	P36-37, CH. 5
"	ORG/RD	"	"	"	274	"	"	18	"
"	RD/GRN	"	"	"	275	"	"	20	"

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 0 SLOT 4, RACK 0 SLOT 5
DRAWING NO.
DRAWN DATE:

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Total
MATERIAL
SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S6	BLK	FREE	F12 / DOOR 1	X12	276	DOOR 2 / R0	SLOT 6	1	P38-40, CH. 0
"	RD	"	"	"	278	"	"	3	"
"	ORG	"	"	"	279	"	"	5	"
"	WHT	FREE	F12 / DOOR 1	X12	280	DOOR 2 / R0	"	2	P38-40, CH. 1
"	GRN	"	"	"	282	"	"	4	"
"	BLU	"	"	"	283	"	"	6	"
"	WHT/BLK	FREE	F12 / DOOR 1	X12	284	DOOR 2 / R0	"	7	P38-40, CH. 2
"	GRN/BLK	"	"	"	286	"	"	9	"
"	BLU/BLK	"	"	"	287	"	"	11	"
"	RD/BLK	FREE	F12 / DOOR 1	X12	288	DOOR 2 / R0	"	8	P38-40, CH. 3
"	ORG/BLK	"	"	"	290	"	"	10	"
"	BLK/WHT	"	"	"	291	"	"	12	"
"	BLU/WHT	DIE ZONE 6	F12 / DOOR 1	X12	292	DOOR 2 / R0	"	15	P38-40, CH. 4
"	WHT/RD	"	"	"	294	"	"	17	"
"	BLU/RD	"	"	"	295	"	"	19	"
"	BLK/RD	DIE ZONE 7	F12 / DOOR 1	X12	296	DOOR 2 / R0	"	16	P38-40, CH. 5
"	ORG/RD	"	"	"	298	"	"	18	"
"	RD/GRN	"	"	"	299	"	"	20	"
R0S7	BLK	SECOND. MELT LINE-1 PART.	F12 / DOOR 1	X12	300	DOOR 2 / R0	SLOT 7	1	P40-41, CH. 0
"	RD	"	"	"	302	"	"	3	"
"	ORG	"	"	"	303	"	"	5	"
"	WHT	SECOND. MELT LINE-2 PART.	F12 / DOOR 1	X12	304	DOOR 2 / R0	"	2	P40-41, CH. 1
"	GRN	"	"	"	306	"	"	4	"
"	BLU	"	"	"	307	"	"	6	"
"	WHT/BLK	DIE ZONE 2	F12 / DOOR 1	X12	308	DOOR 2 / R0	"	7	P40-41, CH. 2
"	GRN/BLK	"	"	"	310	"	"	9	"
"	BLU/BLK	"	"	"	311	"	"	11	"
"	RD/BLK	DIE ZONE 3	F12 / DOOR 1	X12	312	DOOR 2 / R0	"	8	P40-41, CH. 3
"	ORG/BLK	"	"	"	314	"	"	10	"
"	BLK/WHT	"	"	"	315	"	"	12	"
"	BLU/WHT	DIE ZONE 4	F12 / DOOR 1	X12	316	DOOR 2 / R0	"	15	P40-41, CH. 4
"	WHT/RD	"	"	"	318	"	"	17	"
"	BLU/RD	"	"	"	319	"	"	19	"
"	BLK/RD	DIE ZONE 5	F12 / DOOR 1	X12	320	DOOR 2 / R0	"	16	P40-41, CH. 5
"	ORG/RD	"	"	"	322	"	"	18	"
"	RD/GRN	"	"	"	323	"	"	20	"

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 0 SLOT 6, RACK 0 SLOT 7
DRAWING NO.
DRAWN DATE:
Page # 245
Total
MATERIAL
SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S8	BLK	SAT. EXT. ZONE 1	F12 / DOOR 1	X12	324	DOOR 2 / R0	SLOT 8	1	P42-43, CH. 0
"	RD	"	"	"	326	"	"	3	"
"	ORG	"	"	"	327	"	"	5	"
"	WHT	SAT. EXT. ZONE 2	F12 / DOOR 1	X12	328	DOOR 2 / R0	"	2	P42-43, CH. 1
"	GRN	"	"	"	330	"	"	4	"
"	BLU	"	"	"	331	"	"	6	"
"	WHT/BLK	SAT. EXT. ZONE 3	F12 / DOOR 1	X12	332	DOOR 2 / R0	"	7	P42-43, CH. 2
"	GRN/BLK	"	"	"	334	"	"	9	"
"	BLU/BLK	"	"	"	335	"	"	11	"
"	RD/BLK	SAT. EXT. ZONE 4	F12 / DOOR 1	X12	336	DOOR 2 / R0	"	8	P42-43, CH. 3
"	ORG/BLK	"	"	"	338	"	"	10	"
"	BLK/WHT	"	"	"	339	"	"	12	"
"	BLU/WHT	SAT. EXT. ZONE 5	F12 / DOOR 1	X12	340	DOOR 2 / R0	"	15	P42-43, CH. 4
"	WHT/RD	"	"	"	342	"	"	17	"
"	BLU/RD	"	"	"	343	"	"	19	"
"	BLK/RD	SAT. EXT. ZONE 6	F12 / DOOR 1	X12	344	DOOR 2 / R0	"	16	P42-43, CH. 5
"	ORG/RD	"	"	"	346	"	"	18	"
"	RD/GRN	"	"	"	347	"	"	20	"
R0S9	BLK	SAT. EXT. ZONE 7	F12 / DOOR 1	X12	348	DOOR 2 / R0	SLOT 9	1	P43-44, CH. 0
"	RD	"	"	"	350	"	"	3	"
"	ORG	"	"	"	351	"	"	5	"
"	WHT	SAT. EXT. 1 ADAPT	F12 / DOOR 1	X12	352	DOOR 2 / R0	"	2	P43-44, CH. 1
"	GRN	"	"	"	354	"	"	4	"
"	BLU	"	"	"	355	"	"	6	"
"	WHT/BLK	SAT. EXT. 1 FILTER	F12 / DOOR 1	X12	356	DOOR 2 / R0	"	7	P43-44, CH. 2
"	GRN/BLK	"	"	"	358	"	"	9	"
"	BLU/BLK	"	"	"	359	"	"	11	"
"	RD/BLK	SAT. EXT. MELTLINE	F12 / DOOR 1	X12	360	DOOR 2 / R0	"	8	P43-44, CH. 3
"	ORG/BLK	"	"	"	362	"	"	10	"
"	BLK/WHT	"	"	"	363	"	"	12	"
"	BLU/WHT	FREE	F12 / DOOR 1	X12	364	DOOR 2 / R0	"	15	P43-44, CH. 4
"	WHT/RD	"	"	"	366	"	"	17	"
"	BLU/RD	"	"	"	367	"	"	19	"
"	BLK/RD	FREE	F12 / DOOR 1	X12	368	DOOR 2 / R0	"	16	P43-44, CH. 5
"	ORG/RD	"	"	"	370	"	"	18	"
"	RD/GRN	"	"	"	371	"	"	20	"

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 0 SLOT 8, RACK 0 SLOT 9
DRAWING NO.:
DRAWN DATE:

Page # 246
Total
MATERIAL
SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S10	BLK	SAT. EXT. 2 ZONE 1	F12 / DOOR 1	X12	372	DOOR 2 / R0	SLOT 10	1	P45-46, CH. 0
"	RD	"	"	"	374	"	"	3	"
"	ORG	"	"	"	375	"	"	5	"
"	WHT	SAT. EXT. 2 ZONE 2	F12 / DOOR 1	X12	376	DOOR 2 / R0	"	2	P45-46, CH. 1
"	GRN	"	"	"	378	"	"	4	"
"	BLU	"	"	"	379	"	"	6	"
"	WHT/BLK	SAT. EXT. 2 ZONE 3	F12 / DOOR 1	X12	380	DOOR 2 / R0	"	7	P45-46, CH. 2
"	GRN/BLK	"	"	"	382	"	"	9	"
"	BLU/BLK	"	"	"	383	"	"	11	"
"	RD/BLK	SAT. EXT. 2 ZONE 4	F12 / DOOR 1	X12	384	DOOR 2 / R0	"	8	P45-46, CH. 3
"	ORG/BLK	"	"	"	386	"	"	10	"
"	BLK/WHT	"	"	"	387	"	"	12	"
"	BLU/WHT	SAT. EXT. 2 ZONE 5	F12 / DOOR 1	X12	388	DOOR 2 / R0	"	15	P45-46, CH. 4
"	WHT/RD	"	"	"	390	"	"	17	"
"	BLU/RD	"	"	"	391	"	"	19	"
"	BLK/RD	SAT. EXT. 2 ZONE 6	F12 / DOOR 1	X12	392	DOOR 2 / R0	"	16	P45-46, CH. 5
"	ORG/RD	"	"	"	394	"	"	18	"
"	RD/GRN	"	"	"	395	"	"	20	"
R0S11	BLK	SAT. EXT. 2 ZONE 7	F12 / DOOR 1	X12	396	DOOR 2 / R0	SLOT 11	1	P46-47, CH. 0
"	RD	"	"	"	398	"	"	3	"
"	ORG	"	"	"	399	"	"	5	"
"	WHT	SAT. EXT. 2 ADAPT.	F12 / DOOR 1	X12	400	DOOR 2 / R0	"	2	P46-47, CH. 1
"	GRN	"	"	"	402	"	"	4	"
"	BLU	"	"	"	403	"	"	6	"
"	WHT/BLK	SAT. EXT. 2 FILTER	F12 / DOOR 1	X12	404	DOOR 2 / R0	"	7	P46-47, CH. 2
"	GRN/BLK	"	"	"	406	"	"	9	"
"	BLU/BLK	"	"	"	407	"	"	11	"
"	RD/BLK	SAT.EXT.2 MELTLINE	F12 / DOOR 1	X12	408	DOOR 2 / R0	"	8	P46-47, CH. 3
"	ORG/BLK	"	"	"	410	"	"	10	"
"	BLK/WHT	"	"	"	411	"	"	12	"
"	BLU/WHT	FREE	F12 / DOOR 1	X12	412	DOOR 2 / R0	"	15	P46-47, CH. 4
"	WHT/RD	"	"	"	414	"	"	17	"
"	BLU/RD	"	"	"	415	"	"	19	"
"	BLK/RD	FREE	F12 / DOOR 1	X12	416	DOOR 2 / R0	"	16	P46-47, CH. 5
"	ORG/RD	"	"	"	418	"	"	18	"
"	RD/GRN	"	"	"	419	"	"	20	"

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION	RACK 1 SLOT 10 RACK 1 SLOT 11	Page #	247
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:		SCALE	NONE
		UNIT	MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S1	WHT	MELT TEMP. AFTER PRIMARY EXT.	F12 / DOOR 4	140A6	7	DOOR 2 / R1	SLOT 1	2	P57, CH. 0
"	BLK	"	"	"	8	"	"	1	"
"	GRN	"	"	"	8	"	"	4	"
"	BLU	MELT PRESS. AFTER PRIMARY EXT.	F12 / DOOR 4	130A4	8	DOOR 2 / R1	"	6	P57, CH. 1
"	ORG	"	"	130A11	5	"	"	5	"
"	RD/BLK	"	"	"	5	"	"	8	"
"	BLK/WHT	MELT PRESS BEFORE SEC. EXT.	F12 / DOOR 4	131A4	8	DOOR 2 / R1	"	12	P57, CH. 2
"	BLU/BLK	"	"	131A11	5	"	"	11	"
"	GRN/WHT	"	"	"	5	"	"	14	"
"	BLK/RD	MELT TEMP AFTER SEC. EXT.	F12 / DOOR 4	141A6	7	DOOR 2 / R1	"	16	P57, CH. 3
"	BLU/WHT	"	"	"	8	"	"	15	"
"	ORG/RD	"	"	"	8	"	"	18	"
"	RD/GRN	MELT PRESS. AFTER SEC. EXT.	F12 / DOOR 4	132A4	8	DOOR 2 / R1	"	20	P58, CH. 4
"	BLU/RD	"	"	132A11	5	"	"	19	"
"	BLK/WHT/RD	"	"	"	5	"	"	22	"
"	RD/BLK/WHT	MELT TEMP. BEFORE DIE	F12 / DOOR 4	142A6	7	DOOR 2 / R1	"	24	P58, CH. 5
"	WHT/BLK/RD	"	"	"	8	"	"	23	"
"	ORG/BLK/WHT	"	"	"	8	"	"	26	"
"	RD/BLK/GRN	MELT PRESS. BEFORE DIE	F12 / DOOR 4	133A4	8	DOOR 2 / R1	"	30	P58, CH. 6
"	WHT/RD/GRN	"	"	133A11	5	"	"	29	"
"	ORG/BLK/GRN	"	"	"	5	"	"	32	"
"	BLK/WHT/ORG	WEIGHING OF DOSEING HOPPER	F12 / DOOR 4	147A6	39	DOOR 2 / R1	"	34	P58, CH. 7
"	BLU/WHT/ORG	"	"	"	310	"	"	33	"
"	ORG/WHT/BLU	"	"	"	310	"	"	36	"

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION	RACK 1 SLOT 1	Page #	248
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:		SCALE	NONE
		UNIT	MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S2	WHT	MELT PRESS. AFTER SAT. EXT. 1	F12 / DOOR 4	134A4	8	DOOR 2 / R1	SLOT 2	2	P59, CH. 0
"	BLK	"	"	134A11	5	"	"	1	"
"	GRN	"	"	"	5	"	"	4	"
"	BLU	MELT TEMP. AFTER SAT. EXT.1	F12 / DOOR 4	143A6	7	DOOR 2 / R1	"	6	P59, CH. 1
"	ORG	"	"	"	8	"	"	5	"
"	RD/BLK	"	"	"	8	"	"	8	"
"	BLK/WHT	MELT PRESS. AFTER SAT. EXT. 2	F12 / DOOR 4	136A4	8	DOOR 2 / R1	"	12	P59, CH. 2
"	BLU/BLK	"	"	136A11	5	"	"	11	"
"	GRN/WHT	"	"	"	5	"	"	14	"
"	BLK/RD	MELT TEMP. AFTER SAT. EXT. 2	F12 / DOOR 4	145A6	7	DOOR 2 / R1	"	16	P59, CH. 3
"	BLU/WHT	"	"	"	8	"	"	15	"
"	ORG/RD	"	"	"	8	"	"	18	"
"	RD/GRN	MELT TEMP. BEFORE DIE	F12 / DOOR 4	144A6	7	DOOR 2 / R1	"	20	P60, CH. 4
"	BLU/RD	"	"	"	8	"	"	19	"
"	BLK/WHT/RD	"	"	"	8	"	"	22	"
"	RD/BLK/WHT	MELT PRESS. BEFORE DIE	F12 / DOOR 4	135A4	8	DOOR 2 / R1	"	24	P60, CH. 5
"	WHT/BLK/RD	"	"	135A11	5	"	"	23	"
"	ORG/BLK/WHT	"	"	"	5	"	"	26	"
"	RD/BLK/GRN	MELT TEMP. BEFORE DIE	F12 / DOOR 4	146A6	7	DOOR 2 / R1	"	30	P60, CH. 6
"	WHT/RD/GRN	"	"	"	8	"	"	29	"
"	ORG/BLK/GRN	"	"	"	8	"	"	32	"
"	BLK/WHT/ORG	MELT PRESS. BEFORE DIE	F12 / DOOR 4	137A4	8	DOOR 2 / R1	"	34	P60, CH. 7
"	BLU/WHT/ORG	"	"	137A11	5	"	"	33	"
"	ORG/WHT/BLU	"	"	"	5	"	"	36	"

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 2	Page #	249	
									Total		
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/01/18	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S3	WHT	FREE	F12 / DOOR 1	X12	422	DOOR 2 / R1	SLOT 3	2	P61, CH. 0
"	BLK	"	"	"	423	"	"	1	"
"	GRN	"	"	"	423	"	"	4	"
"	BLU	FREE	F12 / DOOR 1	X12	424	DOOR 2 / R1	"	6	P61, CH. 1
"	ORG	"	"	"	425	"	"	5	"
"	RD/BLK	"	"	"	425	"	"	8	"
"	BLK/WHT	FREE	F12 / DOOR 1	X12	426	DOOR 2 / R1	"	12	P61, CH. 2
"	BLU/BLK	"	"	"	427	"	"	11	"
"	GRN/WHT	"	"	"	427	"	"	14	"
"	BLK/RD	FREE	F12 / DOOR 1	X12	428	DOOR 2 / R1	"	16	P61, CH. 3
"	BLU/WHT	"	"	"	429	"	"	15	"
"	ORG/RD	"	"	"	429	"	"	18	"
"	RD/GRN	FREE	F12 / DOOR 1	X12	430	DOOR 2 / R1	"	20	P62, CH. 4
"	BLU/RD	"	"	"	431	"	"	19	"
"	BLK/WHT/RD	"	"	"	431	"	"	22	"
"	RD/BLK/WHT	FREE	F12 / DOOR 1	X12	432	DOOR 2 / R1	"	24	P62, CH. 5
"	WHT/BLK/RD	"	"	"	433	"	"	23	"
"	ORG/BLK/WHT	"	"	"	433	"	"	26	"
"	RD/BLK/GRN	FREE	F12 / DOOR 1	X12	434	DOOR 2 / R1	"	30	P62, CH. 6
"	WHT/RD/GRN	"	"	"	435	"	"	29	"
"	ORG/BLK/GRN	"	"	"	435	"	"	32	"
"	BLK/WHT/ORG	FREE	F12 / DOOR 1	X12	436	DOOR 2 / R1	"	34	P62, CH. 7
"	BLU/WHT/ORG	"	"	"	437	"	"	33	"
"	ORG/WHT/BLU	"	"	"	437	"	"	36	"

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/01/18

DRAWING DESCRIPTION: RACK 1 SLOT 3
DRAWING NO.:
DRAWN DATE:

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Total
MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S4	RD	SECONDARY MELT LINE 1ST PART.	F12 / DOOR 1	X12	438	DOOR 2 / R1	SLOT 4	3	P63, CH. 0
"	ORG	"	"	"	439	"	"	5	"
"	GRN/BLK	SECONDARY MELT LINE 2ND PART.	F12 / DOOR 1	X12	440	DOOR 2 / R1	"	9	P63, CH. 1
"	ORG	"	"	"	441	"	"	5	"
"	RD/WHT	MELT LINE SAT. EXT. 1	F12 / DOOR 1	X12	442	DOOR 2 / R1	"	13	P63, CH. 2
"	BLU/WHT	"	"	"	443	"	"	15	"
"	BLU/RD	MELT LINE SAT. EXT. 2	F12 / DOOR 1	X12	444	DOOR 2 / R1	"	19	P63, CH. 3
"	BLU/WHT	"	"	"	445	"	"	15	"
R1S5	RD	MAIN AUGER 1	F12 / DOOR 1	X12	446	DOOR 2 / R1	SLOT 5	3	P64, CH. 0
"	ORG	"	"	"	447	"	"	5	"
"	GRN/BLK	MAIN AUGER 2	F12 / DOOR 1	X12	448	DOOR 2 / R1	"	9	P64, CH. 1
"	ORG	"	"	"	449	"	"	5	"
"	RD/WHT	MAIN AUGER 3	F12 / DOOR 1	X12	450	DOOR 2 / R1	"	13	P64, CH. 2
"	BLU/WHT	"	"	"	451	"	"	15	"
"	BLU/RD	4-20 mA SPEED REFERANCE AUGER # 1	F12 / DOOR 1	X12	452	DOOR 2 / R1	"	19	P64, CH. 3
"	BLU/WHT	"	"	"	453	"	"	15	"
R1S6	RD	4-20 mA SPEED REFERANCE AUGER # 2	F12 / DOOR 1	X12	454	DOOR 2 / R1	SLOT 6	3	P65, CH. 0
"	ORG	"	"	"	455	"	"	5	"
"	GRN/BLK	4-20 mA SPEED REFERANCE AUGER # 3	F12 / DOOR 1	X12	456	DOOR 2 / R1	"	9	P65, CH. 1
"	ORG	"	"	"	457	"	"	5	"
"	RD/WHT	4-20 mA SPEED REFERANCE AUGER # 4	F12 / DOOR 1	X12	458	DOOR 2 / R1	"	13	P65, CH. 2
"	BLU/WHT	"	"	"	459	"	"	15	"
"	BLU/RD	4-20 mA SPEED REFERANCE AUGER # 5	F12 / DOOR 1	X12	460	DOOR 2 / R1	"	19	P65, CH. 3
"	BLU/WHT	"	"	"	461	"	"	15	"
R1S7	RD	FREE	F12 / DOOR 1	X12	462	DOOR 2 / R1	SLOT 7	3	P67, CH. 0
"	ORG	"	"	"	463	"	"	5	"
"	GRN/BLK	FREE	F12 / DOOR 1	X12	464	DOOR 2 / R1	"	9	P67, CH. 1
"	ORG	"	"	"	465	"	"	5	"
"	RD/WHT	FREE	F12 / DOOR 1	X12	466	DOOR 2 / R1	"	13	P67, CH. 2
"	BLU/WHT	"	"	"	467	"	"	15	"
"	BLU/RD	FREE	F12 / DOOR 1	X12	468	DOOR 2 / R1	"	19	P67, CH. 3
"	BLU/WHT	"	"	"	469	"	"	15	"

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 4, RACK 1 SLOT 5, RACK 1 SLOT 6, RACK 1 SLOT 7
DRAWING NO.
DRAWN DATE:

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MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S8	BLK	EXT. 1 RUNNING	F12 / DOOR 1	X12	501	DOOR 2 / R1	SLOT 8	1	P68, CH. 0
"	WHT	EXT. 2 RUNNING	F12 / DOOR 1	X12	502	"	"	2	P68, CH. 1
"	RD	SAT. 1 RUNNING	F12 / DOOR 1	X12	503	"	"	3	P68, CH. 2
"	GRN	SAT. 2 RUNNING	F12 / DOOR 1	X12	504	"	"	4	P68, CH. 3
"	ORG	PRODUC. STRECH.	F12 / DOOR 1	X12	505	"	"	5	P68, CH. 4
"	BLU		F12 / DOOR 1	X12	508	"	"	6	P68, CH. 5
"	WHT/BLK	FREE	F12 / DOOR 1	X12	510	"	"	7	P68, CH. 6
"	RD/BLK	MELT LINE AGGREGAT. OVER TEMP.	F12 / DOOR 1	X12	512	"	"	8	P68, CH. 7
"	GRN/BLK	MELT LINE AGGREGAT DEFECT HIGH LEVEL	F12 / DOOR 1	X12	514	"	"	9	P69, CH. 8
"	ORG/BLK	MELT LINE AGGREGAT DEFECT HIGH LEVEL	F12 / DOOR 1	X12	516	"	"	10	P69, CH. 9
"	BLU/BLK	FEEDING PUMP START ORDER	F12 / DOOR 1	X12	518	"	"	11	P69, CH. 10
"	BLK/WHT	RECEIVER # 1 LOADER FULL	F12 / DOOR 1	X12	520	"	"	12	P69, CH. 11
"	RD/WHT	RECEIVER # 2 LOADER FULL	F12 / DOOR 1	X12	522	"	"	13	P69, CH. 12
"	GRN/WHT	RECEIVER # 3 LOADER FULL	F12 / DOOR 1	X12	524	"	"	14	P69, CH. 13
"	BLU/WHT	RECEIVER # 4 LOADER FULL	F12 / DOOR 1	X12	526	"	"	15	P69, CH. 14
"	BLK/RD	RECEIVER # 5 LOADER FULL	F12 / DOOR 1	X12	528	"	"	16	P69, CH. 15
"	BLU/RD	MIXER FULL	F12 / DOOR 1	X12	530	"	"	19	P70, CH. 16
"	RD/GRN	MIXER EMPTY	F12 / DOOR 1	X12	532	"	"	20	P70, CH. 17
"	ORG/GRN	MOTOR RUNNING	F12 / DOOR 1	X12	534	"	"	21	P70, CH. 18
"	BLK/WHT/RD	MOTOR DEFECT	F12 / DOOR 1	X12	536	"	"	22	P70, CH. 19
‘	WHT/BLK/RD	MOTOR RUNNING	F12 / DOOR 1	X12	538	‘	‘	23	P70, CH. 20
"	RD/BLK/WHT	MOTOR DEFECT	F12 / DOOR 1	X12	540	"	"	24	P70, CH. 21
"	GRN/BLK/WHT	MOTOR RUNNING	F12 / DOOR 5	X12	542	"	"	25	P70, CH. 22
"	ORG/BLK/WHT	MOTOR DEFECT	F12 / DOOR 5	X12	544	"	"	26	P70, CH. 23
"	BLU/BLK/WHT	FREE	F12 / DOOR 5	X12	546	"	"	27	P71, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 5	X12	548	"	"	28	P71, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 5	X12	550	"	"	29	P71, CH. 26
"	RD/BLK/GRN	FREE	F12 / DOOR 5	X12	552	"	"	30	P71, CH. 27
"	GRN/BLK/ORG	FREE	F12 / DOOR 5	X12	554	"	"	31	P71, CH. 28
"	ORG/BLK/GRN	FREE	F12 / DOOR 5	X12	556	"	"	32	P71, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	X12	558	"	"	33	P71, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	X12	560	"	"	34	P71, CH. 31

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 8
DRAWING NO.:
DRAWN DATE:
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MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S9	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 5	X12	562	DOOR 2 / R1	SLOT 9	1	P72, CH. 0
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 5	X12	563	"	"	2	P72, CH. 1
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 5	X12	564	"	"	3	P72, CH. 2
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 5	X12	565	"	"	4	P72, CH. 3
"	ORG	COOLING PUMP EXT. 1	F12 / DOOR 5	X12	566	"	"	5	P72, CH. 4
"	BLU	MIXING SCREW	F12 / DOOR 5	X12	567	"	"	6	P72, CH. 5
"	WHT/BLK	ROTARY ARM	F12 / DOOR 5	X12	568	"	"	7	P72, CH. 6
"	RD/BLK	HEATER ZONE 1 EXT.2	F12 / DOOR 5	X12	569	"	"	8	P72, CH. 7
"	GRN/BLK	HEATER ZONE 2 EXT.2	F12 / DOOR 5	X12	570	"	"	9	P73, CH. 8
"	ORG/BLK	HEATER ZONE 3 EXT.2	F12 / DOOR 5	X12	571	"	"	10	P73, CH. 9
"	BLU/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 5	X12	572	"	"	11	P73, CH. 10
"	BLK/WHT	COOLING PUMP EXT. 2	F12 / DOOR 5	X12	573	"	"	12	P73, CH. 11
"	RD/WHT	VACUUM PUMP	F12 / DOOR 5	X12	574	"	"	13	P73, CH. 12
"	GRN/WHT	FREE	F12 / DOOR 5	X12	575	"	"	14	P73, CH. 13
"	BLU/WHT	MELT LINE 1 ZONE 1	F12 / DOOR 5	X12	576	"	"	15	P73, CH. 14
"	BLK/RD	MELT LINE 1 ZONE 2	F12 / DOOR 5	X12	577	"	"	16	P73, CH. 15
"	BLU/RD	MELT LINE 1 ZONE 3	F12 / DOOR 5	X12	580	"	"	19	P74, CH. 16
"	RD/GRN	MELT LINE 1 ZONE 4	F12 / DOOR 5	X12	581	"	"	20	P74, CH. 17
"	ORG/GRN	FREE	F12 / DOOR 5	X12	582	"	"	21	P74, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	X12	583	"	"	22	P74, CH. 19
'	WHT/BLK/RD	MOTOR CHANGE FILTER EXT. 1	F12 / DOOR 5	X12	584	'	'	23	P74, CH. 20
"	RD/BLK/WHT	FILTER ZONE 1	F12 / DOOR 5	X12	585	"	"	24	P74, CH. 21
"	GRN/BLK/WHT	FILTER ZONE 2	F12 / DOOR 5	X12	586	"	"	25	P74, CH. 22
"	ORG/BLK/WHT	FILTER ZONE 3	F12 / DOOR 5	X12	587	"	"	26	P74, CH. 23
"	BLU/BLK/WHT	ADAPTER	F12 / DOOR 5	X12	588	"	"	27	P75, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 5	X12	589	"	"	28	P75, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 5	X12	590	"	"	29	P75, CH. 26
"	RD/BLK/GRN	MOTOR CHANGE FILTER EXT. 2	F12 / DOOR 5	X12	591	"	"	30	P75, CH. 27
"	GRN/BLK/ORG	FILTER ZONE 1	F12 / DOOR 5	X12	592	"	"	31	P75, CH. 28
"	ORG/BLK/GRN	FILTER ZONE 2	F12 / DOOR 5	X12	593	"	"	32	P75, CH. 29
"	BLU/WHT/ORG	FILTER ZONE 3	F12 / DOOR 5	X12	594	"	"	33	P75, CH. 30
"	BLK/WHT/ORG	ADAPTER	F12 / DOOR 5	X12	595	"	"	34	P75, CH. 31

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 9
DRAWING NO.:
DRAWN DATE:

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MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S10	BLK	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	X12	598	DOOR 2 / R1	SLOT 10	1	P76, CH. 0
"	WHT	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	X12	599	"	"	2	P76, CH. 1
"	RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	X12	600	"	"	3	P76, CH. 2
"	GRN	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	X12	601	"	"	4	P76, CH. 3
"	ORG	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	X12	602	"	"	5	P76, CH. 4
"	BLU	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	X12	603	"	"	6	P76, CH. 5
"	WHT/BLK	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	X12	604	"	"	7	P76, CH. 6
"	RD/BLK	ADAPT. SAT. EXT. 1	F12 / DOOR 5	X12	605	"	"	8	P76, CH. 7
"	GRN/BLK	COOLING FAN ZONE 1	F12 / DOOR 5	X12	606	"	"	9	P77, CH. 8
"	ORG/BLK	COOLING FAN ZONE 2	F12 / DOOR 5	X12	607	"	"	10	P77, CH. 9
"	BLU/BLK	COOLING FAN ZONE 3	F12 / DOOR 5	X12	608	"	"	11	P77, CH. 10
"	BLK/WHT	COOLING FAN ZONE 4	F12 / DOOR 5	X12	609	"	"	12	P77, CH. 11
"	RD/WHT	COOLING FAN ZONE 5	F12 / DOOR 5	X12	610	"	"	13	P77, CH. 12
"	GRN/WHT	COOLING FAN ZONE 6	F12 / DOOR 5	X12	611	"	"	14	P77, CH. 13
"	BLU/WHT	COOLING FAN ZONE 7	F12 / DOOR 5	X12	612	"	"	15	P77, CH. 14
"	BLK/RD	FREE	F12 / DOOR 5	X12	613	"	"	16	P77, CH. 15
"	BLU/RD	FREE	F12 / DOOR 6	X12	616	"	"	19	P78, CH. 16
"	RD/GRN	SAT. EXT. 2 HEATER ZONE 1	F12 / DOOR 6	X12	617	"	"	20	P78, CH. 17
"	ORG/GRN	SAT. EXT. 2 HEATER ZONE 2	F12 / DOOR 6	X12	618	"	"	21	P78, CH. 18
"	BLK/WHT/RD	SAT. EXT. 2 HEATER ZONE 3	F12 / DOOR 6	X12	619	"	"	22	P78, CH. 19
‘	WHT/BLK/RD	SAT. EXT. 2 HEATER ZONE 4	F12 / DOOR 6	X12	620	‘	‘	23	P78, CH. 20
"	RD/BLK/WHT	SAT. EXT. 2 HEATER ZONE 5	F12 / DOOR 6	X12	621	"	"	24	P78, CH. 21
"	GRN/BLK/WHT	SAT. EXT. 2 HEATER ZONE 6	F12 / DOOR 6	X12	622	"	"	25	P78, CH. 22
"	ORG/BLK/WHT	SAT. EXT. 2 HEATER ZONE 7	F12 / DOOR 6	X12	623	"	"	26	P78, CH. 23
"	BLU/BLK/WHT	ADAPT. SAT. EXT. 2	F12 / DOOR 6	X12	624	"	"	27	P79, CH. 24
"	BLK/RD/GRN	COOLING FAN ZONE 1	F12 / DOOR 6	X12	625	"	"	28	P79, CH. 25
"	WHT/RD/GRN	COOLING FAN ZONE 2	F12 / DOOR 6	X12	626	"	"	29	P79, CH. 26
"	RD/BLK/GRN	COOLING FAN ZONE 3	F12 / DOOR 6	X12	627	"	"	30	P79, CH. 27
"	GRN/BLK/ORG	COOLING FAN ZONE 4	F12 / DOOR 6	X12	628	"	"	31	P79, CH. 28
"	ORG/BLK/GRN	COOLING FAN ZONE 5	F12 / DOOR 6	X12	629	"	"	32	P79, CH. 29
"	BLU/WHT/ORG	COOLING FAN ZONE 6	F12 / DOOR 6	X12	630	"	"	33	P79, CH. 30
"	BLK/WHT/ORG	COOLING FAN ZONE 7	F12 / DOOR 6	X12	631	"	"	34	P79, CH. 31

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 10
DRAWING NO.:
DRAWN DATE:
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Total
MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S11	BLK	HEATING OF DIVERTER	F12 / DOOR 6	X12	634	DOOR 2 / R1	SLOT 11	1	P80, CH. 0
"	WHT	DIE HEATER ZONE 1	F12 / DOOR 6	X12	635	"	"	2	P80, CH. 1
"	RD	DIE HEATER ZONE 2	F12 / DOOR 6	X12	636	"	"	3	P80, CH. 2
"	GRN	DIE HEATER ZONE 3	F12 / DOOR 6	X12	637	"	"	4	P80, CH. 3
"	ORG	DIE HEATER ZONE 4	F12 / DOOR 6	X12	638	"	"	5	P80, CH. 4
"	BLU	DIE HEATER ZONE 5	F12 / DOOR 6	X12	639	"	"	6	P80, CH. 5
"	WHT/BLK	DIE HEATER ZONE 6	F12 / DOOR 6	X12	640	"	"	7	P80, CH. 6
"	RD/BLK	DIE HEATER ZONE 7	F12 / DOOR 6	X12	641	"	"	8	P80, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 6	X12	642	"	"	9	P81, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 6	X12	643	"	"	10	P81, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 6	X12	644	"	"	11	P81, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 6	X12	645	"	"	12	P81, CH. 11
"	RD/WHT	FREE	F12 / DOOR 6	X12	646	"	"	13	P81, CH. 12
"	GRN/WHT	STAIC MIXER HEATING	F12 / DOOR 6	X12	647	"	"	14	P81, CH. 13
"	BLU/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 6	X12	648	"	"	15	P81, CH. 14
"	BLK/RD	SAT. 1 HEATING FILTER	F12 / DOOR 6	X12	649	"	"	16	P81, CH. 15
"	BLU/RD	SAT. 2 HEATING FILTER	F12 / DOOR 6	X12	652	"	"	19	P82, CH. 16
"	RD/GRN	HYORAULIC GROUP	F12 / DOOR 6	X12	653	"	"	20	P82, CH. 17
"	ORG/GRN	HYDRAULIC GROUP	F12 / DOOR 6	X12	654	"	"	21	P82, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 6	X12	655	"	"	22	P82, CH. 19
‘	WHT/BLK/RD	HOMOPOLYMER SILO	F12 / DOOR 6	X12	658	‘	‘	23	P82, CH. 20
"	RD/BLK/WHT	HOMOPOLYMER SILO	F12 / DOOR 6	X12	660	"	"	24	P82, CH. 21
"	GRN/BLK/WHT	RECLAIM MATERIAL LOW LEVEL	F12 / DOOR 6	X12	662	"	"	25	P82, CH. 22
"	ORG/BLK/WHT	RECLAIM MATERIAL HIGH LEVEL	F12 / DOOR 6	X12	664	"	"	26	P82, CH. 23
"	BLU/BLK/WHT	COPOLYMER SILO	F12 / DOOR 6	X12	666	"	"	27	P83, CH. 24
"	BLK/RD/GRN	COPOLYMER SILO	F12 / DOOR 6	X12	668	"	"	28	P83, CH. 25
"	WHT/RD/GRN	SAT. EXT. 1 HOPPER	F12 / DOOR 6	X12	670	"	"	29	P83, CH. 26
"	RD/BLK/GRN	SAT. EXT. 1 HOPPER	F12 / DOOR 6	X12	672	"	"	30	P83, CH. 27
"	GRN/BLK/ORG	COPOLYMER SILO	F12 / DOOR 6	X12	674	"	"	31	P83, CH. 28
"	ORG/BLK/GRN	COPOLYMER SILO	F12 / DOOR 6	X12	676	"	"	32	P83, CH. 29
"	BLU/WHT/ORG	SAT. EXT. 2 HOPPER	F12 / DOOR 6	X12	678	"	"	33	P83, CH. 30
"	BLK/WHT/ORG	SAT. EXT. 2 HOPPER	F12 / DOOR 6	X12	680	"	"	34	P83, CH. 31

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 11	Page #	255		
									Total			
DRAWN BY	Rufus Huang						DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S1	BLK	GEAR BOX EXT. 1	F12 / DOOR 6	X12	682	DOOR 2 / R2	SLOT 1	1	P84, CH. 0
"	WHT	GEAR BOX EXT. 1	F12 / DOOR 6	X12	684	"	"	2	P84, CH. 1
"	RD	GEAR BOX EXT. 1	F12 / DOOR 6	X12	686	"	"	3	P84, CH. 2
"	GRN	GEAR BOX EXT. 1	F12 / DOOR 6	X12	688	"	"	4	P84, CH. 3
"	ORG	COOLING CIRCUIT EXT. 1	F12 / DOOR 6	X12	690	"	"	5	P84, CH. 4
"	BLU	GEAR BOX EXT. 2	F12 / DOOR 6	X12	692	"	"	6	P84, CH. 5
"	WHT/BLK	GEAR BOX EXT. 2	F12 / DOOR 6	X12	694	"	"	7	P84, CH. 6
"	RD/BLK	GEAR BOX EXT. 2	F12 / DOOR 6	X12	696	"	"	8	P84, CH. 7
"	GRN/BLK	GEAR BOX EXT. . 1	F12 / DOOR 6	X12	698	"	"	9	P85, CH. 8
"	ORG/BLK	COOLING CIRCUIT EXT. 2	F12 / DOOR 6	X12	700	"	"	10	P85, CH. 9
"	BLU/BLK	MELT LINE AGGREGAT FROM TRANSMITTER	F12 / DOOR 6	X12	702	"	"	11	P85, CH. 10
"	BLK/WHT	ADDITIVE	F12 / DOOR 6	X12	704	"	"	12	P85, CH. 11
"	RD/WHT	HOMO	F12 / DOOR 6	X12	706	"	"	13	P85, CH. 12
"	GRN/WHT	RECLAIM	F12 / DOOR 6	X12	708	"	"	14	P85, CH. 13
"	BLU/WHT	SAT. EXT. 1	F12 / DOOR 6	X12	710	"	"	15	P85, CH. 14
"	BLK/RD	SAT. EXT. 1	F12 / DOOR 6	X12	712	"	"	16	P85, CH. 15
"	BLU/RD	GEAR BOX EXT. 1	F12 / DOOR 6	X12	714	"	"	19	P86, CH. 16
"	RD/GRN	GEAR BOX EXT. 1	F12 / DOOR 6	X12	716	"	"	20	P86, CH. 17
"	ORG/GRN	GEAR BOX EXT. 2	F12 / DOOR 6	X12	718	"	"	21	P86, CH. 18
"	BLK/WHT/RD	GEAR BOX EXT. 2	F12 / DOOR 6	X12	720	"	"	22	P86, CH. 19
‘	WHT/BLK/RD	GEAR BOX EXT. 2	F12 / DOOR 6	X12	722	‘	‘	23	P86, CH. 20
"	RD/BLK/WHT	GEAR BOX EXT. 2	F12 / DOOR 6	X12	724	"	"	24	P86, CH. 21
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	726	"	"	25	P86, CH. 22
"	ORG/BLK/WHT	FEEDING VALVE OPEN	F12 / DOOR 6	X12	728	"	"	26	P86, CH. 23
"	BLU/BLK/WHT	HYDR. GROUP SAT. 1 - START	F12 / DOOR 6	X12	730	"	"	27	P87, CH. 24
"	BLK/RD/GRN	HYDR. GROUP SAT. 1 - STOP	F12 / DOOR 6	X12	731	"	"	28	P87, CH. 25
"	WHT/RD/GRN	HYDR. GROUP SAT. 2 - START	F12 / DOOR 6	X12	733	"	"	29	P87, CH. 26
"	RD/BLK/GRN	HYDR. GROUP SAT. 2 - STOP	F12 / DOOR 6	X12	734	"	"	30	P87, CH. 27
"	GRN/BLK/ORG	HYDR. GROUP EXT. 1 - START	F12 / DOOR 6	X12	736	"	"	31	P87, CH. 28
"	ORG/BLK/GRN	HYDR. GROUP EXT. 1 - STOP	F12 / DOOR 6	X12	737	"	"	32	P87, CH. 29
"	BLU/WHT/ORG	HYDR. GROUP EXT. 2 - START	F12 / DOOR 6	X12	739	"	"	33	P87, CH. 30
"	BLK/WHT/ORG	HYDR. GROUP EXT. 2 - STOP	F12 / DOOR 6	X12	740	"	"	34	P87, CH. 31

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/11/18

DRAWING DESCRIPTION: RACK 2 SLOT 1
DRAWING NO.:
DRAWN DATE:
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Total
MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S2	BLK	FEEDING VALVE - OPEN	F12 / DOOR 6	X12	742	DOOR 2 / R2	SLOT 2	1	P88, CH. 0
"	WHT	FEEDING VALVE - CLOSE	F12 / DOOR 6	X12	743	"	"	2	P88, CH. 1
"	RD	4 EXTRUDER STOP	F12 / DOOR 6	X12	744	"	"	3	P88, CH. 2
"	GRN	MELT LINE AGGREGAT STOP	F12 / DOOR 6	X12	746	"	"	4	P88, CH. 3
"	ORG	FREE	F12 / DOOR 6	X12	748	"	"	5	P88, CH. 4
"	BLU	FREE	F12 / DOOR 6	X12	750	"	"	6	P88, CH. 5
"	WHT/BLK	FREE	F12 / DOOR 6	X12	752	"	"	7	P88, CH. 6
"	RD/BLK	FREE	F12 / DOOR 6	X12	754	"	"	8	P88, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 6	X12	756	"	"	9	P89, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 6	X12	758	"	"	10	P89, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 6	X12	760	"	"	11	P89, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 6	X12	762	"	"	12	P89, CH. 11
"	RD/WHT	FREE	F12 / DOOR 6	X12	764	"	"	13	P89, CH. 12
"	GRN/WHT	FREE	F12 / DOOR 6	X12	766	"	"	14	P89, CH. 13
"	BLU/WHT	FREE	F12 / DOOR 6	X12	768	"	"	15	P89, CH. 14
"	BLK/RD	FREE	F12 / DOOR 6	X12	770	"	"	16	P89, CH. 15
"	BLU/RD	FREE	F12 / DOOR 6	X12	772	"	"	19	P90, CH. 16
"	RD/GRN	FREE	F12 / DOOR 6	X12	774	"	"	20	P90, CH. 17
"	ORG/GRN	FREE	F12 / DOOR 6	X12	776	"	"	21	P90, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 6	X12	778	"	"	22	P90, CH. 19
‘	WHT/BLK/RD	FREE	F12 / DOOR 6	X12	780	‘	‘	23	P90, CH. 20
"	RD/BLK/WHT	FREE	F12 / DOOR 6	X12	782	"	"	24	P90, CH. 21
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	784	"	"	25	P90, CH. 22
"	ORG/BLK/WHT	FREE	F12 / DOOR 6	X12	786	"	"	26	P90, CH. 23
"	BLU/BLK/WHT	FREE	F12 / DOOR 6	X12	788	"	"	27	P91, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	790	"	"	28	P91, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	792	"	"	29	P91, CH. 26
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	794	"	"	30	P91, CH. 27
"	GRN/BLK/ORG	FREE	F12 / DOOR 6	X12	796	"	"	31	P91, CH. 28
"	ORG/BLK/GRN	FREE	F12 / DOOR 6	X12	798	"	"	32	P91, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 6	X12	800	"	"	33	P91, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 6	X12	802	"	"	34	P91, CH. 31

INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/11/18

DRAWING DESCRIPTION: RACK 2 SLOT 2
DRAWING NO.:
DRAWN DATE:

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Total
MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S3	BLK	FREE	F12 / DOOR 6	X12	804	DOOR 2 / R2	SLOT 3	1	P92, CH. 0
"	WHT	FREE	F12 / DOOR 6	X12	806	"	"	2	P92, CH. 1
"	RD	FREE	F12 / DOOR 6	X12	808	"	"	3	P92, CH. 2
"	GRN	FREE	F12 / DOOR 6	X12	810	"	"	4	P92, CH. 3
"	ORG	FREE	F12 / DOOR 6	X12	812	"	"	5	P92, CH. 4
"	BLU	FREE	F12 / DOOR 6	X12	814	"	"	6	P92, CH. 5
"	WHT/BLK	FREE	F12 / DOOR 6	X12	816	"	"	7	P92, CH. 6
"	RD/BLK	FREE	F12 / DOOR 6	X12	818	"	"	8	P92, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 6	X12	820	"	"	9	P93, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 6	X12	822	"	"	10	P93, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 6	X12	824	"	"	11	P93, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 6	X12	826	"	"	12	P93, CH. 11
"	RD/WHT	SYSTEM RUNNING, HOMO DRYER	F12 / DOOR 6	X12	828	"	"	13	P93, CH. 12
"	GRN/WHT	SYSTEM DEFECT, HOMO DRYER	F12 / DOOR 6	X12	830	"	"	14	P93, CH. 13
"	BLU/WHT	TEMPERATURE OK, HOMO DRYER	F12 / DOOR 6	X12	832	"	"	15	P93, CH. 14
"	BLK/RD	SYSTEM RUNNING, RECLAIM DRYER	F12 / DOOR 6	X12	834	"	"	16	P93, CH. 15
"	BLU/RD	SYSTEM DEFECT, RECLAIM DRYER	F12 / DOOR 6	X12	836	"	"	19	P94, CH. 16
"	RD/GRN	TEMPERATURE OK, RECLAIM DRYER	F12 / DOOR 6	X12	838	"	"	20	P94, CH. 17
"	ORG/GRN	SYSTEM RUNNING, SAT. 1 DRYING	F12 / DOOR 6	X12	840	"	"	21	P94, CH. 18
"	BLK/WHT/RD	SYSTEM DEFECT, SAT. 1 DRYING	F12 / DOOR 6	X12	842	"	"	22	P94, CH. 19
‘	WHT/BLK/RD	TEMPERATURE OK, SAT. 1 DRYING	F12 / DOOR 6	X12	844	‘	‘	23	P94, CH. 20
"	RD/BLK/WHT	SYSTEM RUNNING, SAT. 2 DRYING	F12 / DOOR 6	X12	846	"	"	24	P94, CH. 21
"	GRN/BLK/WHT	SYSTEM DEFECT, SAT. 2 DRYING	F12 / DOOR 6	X12	848	"	"	25	P94, CH. 22
"	ORG/BLK/WHT	TEMPERATURE OK, SAT. 2 DRYING	F12 / DOOR 6	X12	850	"	"	26	P94, CH. 23
"	BLU/BLK/WHT	FREE	F12 / DOOR 6	X12	852	"	"	27	P95, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	854	"	"	28	P95, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	856	"	"	29	P95, CH. 26
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	858	"	"	30	P95, CH. 27
"	GRN/BLK/ORG	PCC ALARM FROM MAIN LOADING	F12 / DOOR 6	X12	860	"	"	31	P95, CH. 28
"	ORG/BLK/GRN	RELEASE DEFECT	F12 / DOOR 4	23KA20	14	"	"	32	P95, CH. 29
"	BLU/WHT/ORG	RELEASE KLAXON	F12 / DOOR 4	23KA9	14	"	"	33	P95, CH. 30
"	BLK/WHT/ORG	EMERGENCY STOP	F12 / DOOR 4	20KA22	84	"	"	34	P95, CH. 31

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 3	Page # 258
									Total
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/11/18	DRAWING NO.		MATERIAL
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S4	BLK	EXT. 1 INTERLOCK	F12 / DOOR 4	130A4	26	DOOR 2 / R2	SLOT 4	1	P97, CH. 0
"	WHT	EXT. 2 INTERLOCK	F12 / DOOR 4	132A4	26	"	"	2	P97, CH. 1
"	RD	SAT. 1 INTERLOCK	F12 / DOOR 4	134A4	26	"	"	3	P97, CH. 2
"	GRN	SAT. 2 INTERLOCK	F12 / DOOR 4	136A4	26	"	"	4	P97, CH. 3
"	ORG	MELT OIL SKID PUMP INTELOCK	F12 / DOOR 4	97A10	5	"	"	5	P97, CH. 4
"	BLU	MELT OIL SKID PUMP START	F12 / DOOR 5	97A10	6	"	"	6	P97, CH. 5
"	WHT/BLK	MELT OIL SKID INTELOCK	F12 / DOOR 5	97A10	7	"	"	7	P97, CH. 6
"	RD/BLK	MELT OIL SKID START	F12 / DOOR 5	97A10	8	"	"	8	P97, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 5	97A10	9	"	"	9	P98, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 5	97A10	10	"	"	10	P98, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 5	97A10	11	"	"	11	P98, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 5	97A10	12	"	"	12	P98, CH. 11
"	RD/WHT	KLAXON	F12 / DOOR 5	97A10	13	"	"	13	P98, CH. 12
"	GRN/WHT	ROTATING LIGHT	F12 / DOOR 5	97A10	14	"	"	14	P98, CH. 13
"	BLU/WHT	RELEASE KLAXON	F12 / DOOR 5	97A10	15	"	"	15	P98, CH. 14
"	BLK/RD	RELEASE DEFECT	F12 / DOOR 5	97A10	19	"	"	16	P98, CH. 15
"	BLU/RD	FREE	F12 / DOOR 5	99A10	1	"	"	19	P99, CH. 16
"	RD/GRN	FREE	F12 / DOOR 5	99A10	2	"	"	20	P99, CH. 17
"	ORG/GRN	DRIVE INTERLOCK AUGER 2	F12 / DOOR 5	99A10	3	"	"	21	P99, CH. 18
"	BLK/WHT/RD	START/STOP COMMAND AUGER 2	F12 / DOOR 5	99A10	4	"	"	22	P99, CH. 19
‘	WHT/BLK/RD	DRIVER INTERLOCK AUGER 3	F12 / DOOR 5	99A10	5	‘	‘	23	P99, CH. 20
"	RD/BLK/WHT	START/STOP COMMAND AUGER 3	F12 / DOOR 5	99A10	6	"	"	24	P99, CH. 21
"	GRN/BLK/WHT	DRIVE INTERLOCK AUGER 1	F12 / DOOR 5	99A10	7	"	"	25	P99, CH. 22
"	ORG/BLK/WHT	START/STOP COMMAND AUGER 1	F12 / DOOR 5	99A10	8	"	"	26	P99, CH. 23
"	BLU/BLK/WHT	RUN MOTOR 1	F12 / DOOR 5	99A10	9	"	"	27	P100, CH. 24
"	BLK/RD/GRN	RUN MOTOR 2	F12 / DOOR 5	99A10	10	"	"	28	P100, CH. 25
"	WHT/RD/GRN	RUN MOTOR 3	F12 / DOOR 5	99A10	11	"	"	29	P100, CH. 26
"	RD/BLK/GRN	RUN MOTOR 4	F12 / DOOR 5	99A10	12	"	"	30	P100, CH. 27
"	GRN/BLK/ORG	RUN MOTOR 5	F12 / DOOR 5	99A10	13	"	"	31	P100, CH. 28
"	ORG/BLK/GRN	RUN MOTOR 6	F12 / DOOR 5	99A10	14	"	"	32	P100, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	99A10	15	"	"	33	P100, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	99A10	16	"	"	34	P100, CH. 31

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 4	Page #	259	
									Total		
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/09/18	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S5	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 5	101A10	1	DOOR 2 / R2	SLOT 5	1	P101, CH. 0
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 5	101A10	2	"	"	2	P101, CH. 1
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 5	101A10	3	"	"	3	P101, CH. 2
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 5	101A10	4	"	"	4	P101, CH. 3
"	ORG	COOLING PUMP EXT. 1	F12 / DOOR 5	101A10	5	"	"	5	P101, CH. 4
"	BLU	MIXING SCREU	F12 / DOOR 5	101A10	6	"	"	6	P101, CH. 5
"	WHT/BLK	ROTARY ARM	F12 / DOOR 5	101A10	7	"	"	7	P101, CH. 6
"	RD/BLK	HEATER ZONE 1 EXT. 2	F12 / DOOR 5	101A10	8	"	"	8	P101, CH. 7
"	GRN/BLK	HEATER ZONE 2 EXT. 2	F12 / DOOR 5	101A10	9	"	"	9	P102, CH. 8
"	ORG/BLK	HEATER ZONE 3 EXT. 2	F12 / DOOR 5	101A10	10	"	"	10	P102, CH. 9
"	BLU/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 5	101A10	11	"	"	11	P102, CH. 10
"	BLK/WHT	COOLING PUMP EXT. 2	F12 / DOOR 5	101A10	12	"	"	12	P102, CH. 11
"	RD/WHT	VACUUM PUMP	F12 / DOOR 5	101A10	13	"	"	13	P102, CH. 12
"	GRN/WHT	SIGNAL TO F13 / WATER BATH THAT SEL EXT. RUNNING	F12 / DOOR 5	101A10	14	"	"	14	P102, CH. 13
"	BLU/WHT	MELT LINE 1 ZONE 1	F12 / DOOR 5	101A10	15	"	"	15	P102, CH. 14
"	BLK/RD	MELT LINE 1 ZONE 2	F12 / DOOR 5	101A10	16	"	"	16	P102, CH. 15
"	BLU/RD	MELT LINE 1 ZONE 3	F12 / DOOR 5	103A10	1	"	"	19	P103, CH. 16
"	RD/GRN	MELT LINE 1 ZONE 4	F12 / DOOR 5	103A10	2	"	"	20	P103, CH. 17
"	ORG/GRN	FREE	F12 / DOOR 5	103A10	3	"	"	21	P103, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	103A10	4	"	"	22	P103, CH. 19
‘	WHT/BLK/RD	MOTOR CHANGE FILTER EXT. 1	F12 / DOOR 5	103A10	5	‘	‘	23	P103, CH. 20
"	RD/BLK/WHT	FILTER ZONE 1	F12 / DOOR 5	103A10	6	"	"	24	P103, CH. 21
"	GRN/BLK/WHT	FILTER ZONE 2	F12 / DOOR 5	103A10	7	"	"	25	P103, CH. 22
"	ORG/BLK/WHT	FILTER ZONE 3	F12 / DOOR 5	103A10	8	"	"	26	P103, CH. 23
"	BLU/BLK/WHT	ADAPTER	F12 / DOOR 5	103A10	9	"	"	27	P104, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 5	103A10	10	"	"	28	P104, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 5	103A10	11	"	"	29	P104, CH. 26
"	RD/BLK/GRN	MOTOR CHANGE FILTER EXT. 2	F12 / DOOR 5	103A10	12	"	"	30	P104, CH. 27
"	GRN/BLK/ORG	FILTER ZONE 1	F12 / DOOR 5	103A10	13	"	"	31	P104, CH. 28
"	ORG/BLK/GRN	FILTER ZONE 2	F12 / DOOR 5	103A10	14	"	"	32	P104, CH. 29
"	BLU/WHT/ORG	FILTER ZONE 3	F12 / DOOR 5	103A10	15	"	"	33	P104, CH. 30
"	BLK/WHT/ORG	ADAPTER	F12 / DOOR 5	103A10	16	"	"	34	P104, CH. 31

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 5	Page #	260	
									Total		
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/09/18	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S6	BLK	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	105A10	1	DOOR 2 / R2	SLOT 6	1	P105, CH. 0
"	WHT	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	105A10	2	"	"	2	P105, CH. 1
"	RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	105A10	3	"	"	3	P105, CH. 2
"	GRN	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	105A10	4	"	"	4	P105, CH. 3
"	ORG	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	105A10	5	"	"	5	P105, CH. 4
"	BLU	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	105A10	6	"	"	6	P105, CH. 5
"	WHT/BLK	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	105A10	7	"	"	7	P105, CH. 6
"	RD/BLK	ADAPTER SAT. EXT. 1	F12 / DOOR 5	105A10	8	"	"	8	P105, CH. 7
"	GRN/BLK	COOLING FAN ZONE 1	F12 / DOOR 5	105A10	9	"	"	9	P106, CH. 8
"	ORG/BLK	COOLING FAN ZONE 2	F12 / DOOR 5	105A10	10	"	"	10	P106, CH. 9
"	BLU/BLK	COOLING FAN ZONE 3	F12 / DOOR 5	105A10	11	"	"	11	P106, CH. 10
"	BLK/WHT	COOLING FAN ZONE 4	F12 / DOOR 5	105A10	12	"	"	12	P106, CH. 11
"	RD/WHT	COOLING FAN ZONE 5	F12 / DOOR 5	105A10	13	"	"	13	P106, CH. 12
"	GRN/WHT	COOLING FAN ZONE 6	F12 / DOOR 5	105A10	14	"	"	14	P106, CH. 13
"	BLU/WHT	COOLING FAN ZONE 7	F12 / DOOR 5	105A10	15	"	"	15	P106, CH. 14
"	BLK/RD	FREE	F12 / DOOR 5	105A10	16	"	"	16	P106, CH. 15
"	BLU/RD	FREE	F12 / DOOR 5	107A10	1	"	"	19	P107, CH. 16
"	RD/GRN	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	107A10	2	"	"	20	P107, CH. 17
"	ORG/GRN	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	107A10	3	"	"	21	P107, CH. 18
"	BLK/WHT/RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	107A10	4	"	"	22	P107, CH. 19
‘	WHT/BLK/RD	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	107A10	5	‘	‘	23	P107, CH. 20
"	RD/BLK/WHT	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	107A10	6	"	"	24	P107, CH. 21
"	GRN/BLK/WHT	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	107A10	7	"	"	25	P107, CH. 22
"	ORG/BLK/WHT	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	107A10	8	"	"	26	P107, CH. 23
"	BLU/BLK/WHT	ADAPTER SAT. EXT. 2	F12 / DOOR 5	107A10	9	"	"	27	P108, CH. 24
"	BLK/RD/GRN	COOLING FAN ZONE 1	F12 / DOOR 5	107A10	10	"	"	28	P108, CH. 25
"	WHT/RD/GRN	COOLING FAN ZONE 2	F12 / DOOR 5	107A10	11	"	"	29	P108, CH. 26
"	RD/BLK/GRN	COOLING FAN ZONE 3	F12 / DOOR 5	107A10	12	"	"	30	P108, CH. 27
"	GRN/BLK/ORG	COOLING FAN ZONE 4	F12 / DOOR 5	107A10	13	"	"	31	P108, CH. 28
"	ORG/BLK/GRN	COOLING FAN ZONE 5	F12 / DOOR 5	107A10	14	"	"	32	P108, CH. 29
"	BLU/WHT/ORG	COOLING FAN ZONE 6	F12 / DOOR 5	107A10	15	"	"	33	P108, CH. 30
"	BLK/WHT/ORG	COOLING FAN ZONE 7	F12 / DOOR 5	107A10	16	"	"	34	P108, CH. 31

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 6	Page #	261	
									Total		
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/11/18	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S7	BLK	HEATING OF DIVERTER	F12 / DOOR 5	109A10	1	DOOR 2 / R2	SLOT 7	1	P109, CH. 0
"	WHT	DIE HEATER ZONE 1	F12 / DOOR 5	109A10	2	"	"	2	P109, CH. 1
"	RD	DIE HEATER ZONE 2	F12 / DOOR 5	109A10	3	"	"	3	P109, CH. 2
"	GRN	DIE HEATER ZONE 3	F12 / DOOR 5	109A10	4	"	"	4	P109, CH. 3
"	ORG	DIE HEATER ZONE 4	F12 / DOOR 5	109A10	5	"	"	5	P109, CH. 4
"	BLU	DIE HEATER ZONE 5	F12 / DOOR 5	109A10	6	"	"	6	P109, CH. 5
"	WHT/BLK	DIE HEATER ZONE 6	F12 / DOOR 5	109A10	7	"	"	7	P109, CH. 6
"	RD/BLK	DIE HEATER ZONE 7	F12 / DOOR 5	109A10	8	"	"	8	P109, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 5	109A10	9	"	"	9	P110, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 5	109A10	10	"	"	10	P110, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 5	109A10	11	"	"	11	P110, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 5	109A10	12	"	"	12	P110, CH. 11
"	RD/WHT	FREE	F12 / DOOR 5	109A10	13	"	"	13	P110, CH. 12
"	GRN/WHT	SAT.ATIC MIXER HEATING	F12 / DOOR 5	109A10	14	"	"	14	P110, CH. 13
"	BLU/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 5	109A10	15	"	"	15	P110, CH. 14
"	BLK/RD	SAT. 1 HEATING FILTER	F12 / DOOR 5	109A10	16	"	"	16	P110, CH. 15
"	BLU/RD	SAT. 2 HEATING FILTER	F12 / DOOR 5	111A10	1	"	"	19	P111, CH. 16
"	RD/GRN	HYDRAULIC GROUP	F12 / DOOR 5	111A10	2	"	"	20	P111, CH. 17
"	ORG/GRN	HYDRAULIC GROUP	F12 / DOOR 5	111A10	3	"	"	21	P111, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	111A10	4	"	"	22	P111, CH. 19
‘	WHT/BLK/RD	FREE	F12 / DOOR 5	111A10	5	‘	‘	23	P111, CH. 20
"	RD/BLK/WHT	FREE	F12 / DOOR 5	111A10	6	"	"	24	P111, CH. 21
"	GRN/BLK/WHT	VACUUM VALVE #1	F12 / DOOR 5	111A10	7	"	"	25	P111, CH. 22
"	ORG/BLK/WHT	DUMP VALVE #1	F12 / DOOR 5	111A10	8	"	"	26	P111, CH. 23
"	BLU/BLK/WHT	VACUUM VALVE #2	F12 / DOOR 5	111A10	9	"	"	27	P112, CH. 24
"	BLK/RD/GRN	DUMP VALVE #2	F12 / DOOR 5	111A10	10	"	"	28	P112, CH. 25
"	WHT/RD/GRN	VACUUM VALVE #3	F12 / DOOR 5	111A10	11	"	"	29	P112, CH. 26
"	RD/BLK/GRN	DUMP VALVE #3	F12 / DOOR 5	111A10	12	"	"	30	P112, CH. 27
"	GRN/BLK/ORG	VACUUM VALVE #4	F12 / DOOR 5	111A10	13	"	"	31	P112, CH. 28
"	ORG/BLK/GRN	DUMP VALVE #4	F12 / DOOR 5	111A10	14	"	"	32	P112, CH. 29
"	BLU/WHT/ORG	VACUUM VALVE #5	F12 / DOOR 5	111A10	15	"	"	33	P112, CH. 30
"	BLK/WHT/ORG	DUMP VALVE #5	F12 / DOOR 5	111A10	16	"	"	34	P112, CH. 31

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S8	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 6	X12	901	DOOR 2 / R2	SLOT 8	1	P113, CH. 0
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 6	X12	902	"	"	2	P113, CH. 1
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 6	X12	903	"	"	3	P113, CH. 2
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 6	X12	904	"	"	4	P113, CH. 3
"	ORG	HEATER ZONE 1 EXT. 2	F12 / DOOR 6	X12	905	"	"	5	P113, CH. 4
"	BLU	HEATER ZONE 2 EXT. 2	F12 / DOOR 6	X12	906	"	"	6	P113, CH. 5
"	WHT/BLK	HEATER ZONE 3 EXT. 2	F12 / DOOR 6	X12	907	"	"	7	P113, CH. 6
"	RD/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 6	X12	908	"	"	8	P113, CH. 7
"	GRN/BLK	MELT LINE 1 ZONE 1	F12 / DOOR 6	X12	909	"	"	9	P114, CH. 8
"	ORG/BLK	MELT LINE 1 ZONE 2	F12 / DOOR 6	X12	910	"	"	10	P114, CH. 9
"	BLU/BLK	MELT LINE 1 ZONE 3	F12 / DOOR 6	X12	911	"	"	11	P114, CH. 10
"	BLK/WHT	MELT LINE 1 ZONE 4	F12 / DOOR 6	X12	912	"	"	12	P114, CH. 11
"	RD/WHT	FILTER ZONE 1	F12 / DOOR 6	X12	913	"	"	13	P114, CH. 12
"	GRN/WHT	FILTER ZONE 2	F12 / DOOR 6	X12	914	"	"	14	P114, CH. 13
"	BLU/WHT	FILTER ZONE 3	F12 / DOOR 6	X12	915	"	"	15	P114, CH. 14
"	BLK/RD	ADAPTER	F12 / DOOR 6	X12	916	"	"	16	P114, CH. 15
"	BLU/RD	FILTER ZONE 1	F12 / DOOR 6	X12	919	"	"	19	P115, CH. 16
"	RD/GRN	FILTER ZONE 2	F12 / DOOR 6	X12	920	"	"	20	P115, CH. 17
"	ORG/GRN	FILTER ZONE 3	F12 / DOOR 6	X12	921	"	"	21	P115, CH. 18
"	BLK/WHT/RD	ADAPTER	F12 / DOOR 6	X12	922	"	"	22	P115, CH. 19
‘	WHT/BLK/RD	FREE	F12 / DOOR 6	X12	923	‘	‘	23	P115, CH. 20
"	RD/BLK/WHT	FREE	F12 / DOOR 6	X12	924	"	"	24	P115, CH. 21
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	925	"	"	25	P115, CH. 22
"	ORG/BLK/WHT	FREE	F12 / DOOR 6	X12	926	"	"	26	P115, CH. 23
"	BLU/BLK/WHT	SAT. EXT. 1 ZONE 1	F12 / DOOR 6	X12	929	"	"	27	P116, CH. 24
"	BLK/RD/GRN	SAT. EXT. 1 ZONE 2	F12 / DOOR 6	X12	930	"	"	28	P116, CH. 25
"	WHT/RD/GRN	SAT. EXT. 1 ZONE 3	F12 / DOOR 6	X12	931	"	"	29	P116, CH. 26
"	RD/BLK/GRN	SAT. EXT. 1 ZONE 4	F12 / DOOR 6	X12	932	"	"	30	P116, CH. 27
"	GRN/BLK/ORG	SAT. EXT. 1 ZONE 5	F12 / DOOR 6	X12	933	"	"	31	P116, CH. 28
"	ORG/BLK/GRN	SAT. EXT. 1 ZONE 6	F12 / DOOR 6	X12	934	"	"	32	P116, CH. 29
"	BLU/WHT/ORG	SAT. EXT. 1 ZONE 7	F12 / DOOR 6	X12	935	"	"	33	P116, CH. 30
"	BLK/WHT/ORG	ADAPTER SAT. EXT. 1	F12 / DOOR 6	X12	936	"	"	34	P116, CH. 31

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 8	Page #	263		
									Total			
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/04/18	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S9	BLK	SAT. EXT. 2 ZONE 1	F12 / DOOR 6	X12	939	DOOR 2 / R2	SLOT 9	1	P117, CH. 0
"	WHT	SAT. EXT. 2 ZONE 2	F12 / DOOR 6	X12	940	"	"	2	P117, CH. 1
"	RD	SAT. EXT. 2 ZONE 3	F12 / DOOR 6	X12	941	"	"	3	P117, CH. 2
"	GRN	SAT. EXT. 2 ZONE 4	F12 / DOOR 6	X12	942	"	"	4	P117, CH. 3
"	ORG	SAT. EXT. 2 ZONE 5	F12 / DOOR 6	X12	943	"	"	5	P117, CH. 4
"	BLU	SAT. EXT. 2 ZONE 6	F12 / DOOR 6	X12	944	"	"	6	P117, CH. 5
"	WHT/BLK	SAT. EXT. 2 ZONE 7	F12 / DOOR 6	X12	945	"	"	7	P117, CH. 6
"	RD/BLK	ADAPTER SAT. EXT. 1	F12 / DOOR 6	X12	946	"	"	8	P117, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 6	X12	947	"	"	9	P118, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 6	X12	948	"	"	10	P118, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 6	X12	949	"	"	11	P118, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 6	X12	950	"	"	12	P118, CH. 11
"	RD/WHT	HEATING OF DIVERTER	F12 / DOOR 6	X12	953	"	"	13	P118, CH. 12
"	GRN/WHT	DIE HEATER ZONE 1	F12 / DOOR 6	X12	954	"	"	14	P118, CH. 13
"	BLU/WHT	DIE HEATER ZONE 2	F12 / DOOR 6	X12	955	"	"	15	P118, CH. 14
"	BLK/RD	DIE HEATER ZONE 3	F12 / DOOR 6	X12	956	"	"	16	P118, CH. 15
"	BLU/RD	DIE HEATER ZONE 4	F12 / DOOR 6	X12	957	"	"	19	P119, CH. 16
"	RD/GRN	DIE HEATER ZONE 5	F12 / DOOR 6	X12	958	"	"	20	P119, CH. 17
"	ORG/GRN	DIE HEATER ZONE 6	F12 / DOOR 6	X12	959	"	"	21	P119, CH. 18
"	BLK/WHT/RD	DIE HEATER ZONE 7	F12 / DOOR 6	X12	960	"	"	22	P119, CH. 19
‘	WHT/BLK/RD	STATIC MIXER HEATING	F12 / DOOR 6	X12	961	‘	‘	23	P119, CH. 20
"	RD/BLK/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 6	X12	962	"	"	24	P119, CH. 21
"	GRN/BLK/WHT	SAT. 1 HEATING FILTER	F12 / DOOR 6	X12	963	"	"	25	P119, CH. 22
"	ORG/BLK/WHT	SAT. 2 HEATING FILTER	F12 / DOOR 6	X12	964	"	"	26	P119, CH. 23
"	BLU/BLK/WHT	MAIN EXT. STATIC MIXER ON XE0	F12 / DOOR 6	X12	965	"	"	27	P120, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	966	"	"	28	P120, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	967	"	"	29	P120, CH. 26
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	968	"	"	30	P120, CH. 27
"	GRN/BLK/ORG	FREE	F12 / DOOR 6	X12	970	"	"	31	P120, CH. 28
"	ORG/BLK/GRN	FREE	F12 / DOOR 6	X12	972	"	"	32	P120, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 6	X12	974	"	"	33	P120, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 6	X12	976	"	"	34	P120, CH. 31

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/10/18

DRAWING DESCRIPTION: RACK 2 SLOT 9
DRAWING NO.:
DRAWN DATE:

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Total
MATERIAL
SCALE NONE UNIT MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S10	BLK	START/STOP, HOMO	F12 / DOOR 5	121A10	1	DOOR 2 / R2	SLOT 10	1	P121, CH. 0
"	WHT	START/STOP, RECLAIM	F12 / DOOR 5	121A10	2	"	"	2	P121, CH. 1
"	RD	START/STOP, SAT. 1 COPO	F12 / DOOR 5	121A10	3	"	"	3	P121, CH. 2
"	GRN	START/STOP, SAT.2 COPO	F12 / DOOR 5	121A10	4	"	"	4	P121, CH. 3
"	ORG	HOMOPLYMER SILO, DRYER	F12 / DOOR 5	121A10	5	"	"	5	P121, CH. 4
"	BLU	RECLAIM MATERIAL, DRYER	F12 / DOOR 5	121A10	6	"	"	6	P121, CH. 5
"	WHT/BLK	COPOLYMER SILO, DRYER	F12 / DOOR 5	121A10	7	"	"	7	P121, CH. 6
"	RD/BLK	COPOLYMER SILO, DRYER	F12 / DOOR 5	121A10	8	"	"	8	P121, CH. 7
"	GRN/BLK	SAT. EXT. 1 HOPPER	F12 / DOOR 5	121A10	9	"	"	9	P122, CH. 8
"	ORG/BLK	SAT. EXT. 1 HOPPER	F12 / DOOR 5	121A10	10	"	"	10	P122, CH. 9
"	BLU/BLK	COPOYMER SILO DRYER	F12 / DOOR 5	121A10	11	"	"	11	P122, CH. 10
"	BLK/WHT	COPOYMER SILO DRYER	F12 / DOOR 5	121A10	12	"	"	12	P122, CH. 11
"	RD/WHT	SAT. EXT. 2 HOPPER	F12 / DOOR 5	121A10	13	"	"	13	P122, CH. 12
"	GRN/WHT	SAT. EXT. 2 HOPPER	F12 / DOOR 5	121A10	14	"	"	14	P122, CH. 13
"	BLU/WHT	HOMOPLYMER SILO DRYER	F12 / DOOR 5	121A10	15	"	"	15	P122, CH. 14
"	BLK/RD	RECLAIM MATERIAL DRYER	F12 / DOOR 5	121A10	16	"	"	16	P122, CH. 15
"	BLU/RD	FREE	F12 / DOOR 5	123A10	1	"	"	19	P123, CH. 16
"	RD/GRN	FREE	F12 / DOOR 5	123A10	2	"	"	20	P123, CH. 17
"	ORG/GRN	FREE	F12 / DOOR 5	123A10	3	"	"	21	P123, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	123A10	4	"	"	22	P123, CH. 19
‘	WHT/BLK/RD	FREE	F12 / DOOR 5	123A10	5	‘	‘	23	P123, CH. 20
"	RD/BLK/WHT	FREE	F12 / DOOR 5	123A10	6	"	"	24	P123, CH. 21
"	GRN/BLK/WHT	FREE	F12 / DOOR 5	123A10	7	"	"	25	P123, CH. 22
"	ORG/BLK/WHT	FREE	F12 / DOOR 5	123A10	8	"	"	26	P123, CH. 23
"	BLU/BLK/WHT	FREE	F12 / DOOR 5	123A10	9	"	"	27	P124, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 5	123A10	10	"	"	28	P124, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 5	123A10	11	"	"	29	P124, CH. 26
"	RD/BLK/GRN	FREE	F12 / DOOR 5	123A10	12	"	"	30	P124, CH. 27
"	GRN/BLK/ORG	FREE	F12 / DOOR 5	123A10	13	"	"	31	P124, CH. 28
"	ORG/BLK/GRN	FREE	F12 / DOOR 5	123A10	14	"	"	32	P124, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	123A10	15	"	"	33	P124, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	123A10	16	"	"	34	P124, CH. 31

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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/15/18

DRAWING DESCRIPTION: RACK 2 SLOT 10
DRAWING NO.:
DRAWN DATE:
Page # 265
Total
MATERIAL
SCALE: NONE
UNIT: MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S11	BLK	FEEDING VALVE OPEN	F12 / DOOR 5	125A10	1	DOOR 2 / R2	SLOT 11	1	P125, CH. 0
"	WHT	HIGH LEVEL HOMOPOL. SILO	F12 / DOOR 5	125A10	2	"	"	2	P125, CH. 1
"	RD	HIGH LEVEL RECLAIM MAT	F12 / DOOR 5	125A10	3	"	"	3	P125, CH. 2
"	GRN	HIGH LEVEL COPOL SAT. 1	F12 / DOOR 5	125A10	4	"	"	4	P125, CH. 3
"	ORG	HIGH LEVEL COPOL SAT. 2	F12 / DOOR 5	125A10	5	"	"	5	P125, CH. 4
"	BLU	COOLING FEEDING ZONE EXT. 2	F12 / DOOR 5	125A10	6	"	"	6	P125, CH. 5
"	WHT/BLK	EXHAUST SOLENOID VALVE CONNAIR	F12 / DOOR 5	125A10	7	"	"	7	P125, CH. 6
"	RD/BLK	FREE	F12 / DOOR 5	125A10	8	"	"	8	P125, CH. 7
"	GRN/BLK	REMOTE START	F12 / DOOR 5	125A10	9	"	"	9	P126, CH. 8
"	ORG/BLK	REMOTE STOP	F12 / DOOR 5	125A10	10	"	"	10	P126, CH. 9
"	BLU/BLK	REMOTE START	F12 / DOOR 5	125A10	11	"	"	11	P126, CH. 10
"	BLK/WHT	REMOTE STOP	F12 / DOOR 5	125A10	12	"	"	12	P126, CH. 11
"	RD/WHT	REMOTE START	F12 / DOOR 5	125A10	13	"	"	13	P126, CH. 12
"	GRN/WHT	REMOTE STOP	F12 / DOOR 5	125A10	14	"	"	14	P126, CH. 13
"	BLU/WHT	REMOTE START	F12 / DOOR 5	125A10	15	"	"	15	P126, CH. 14
"	BLK/RD	REMOTE STOP	F12 / DOOR 5	125A10	16	"	"	16	P126, CH. 15
"	BLU/RD	FEEDING VALVE	F12 / DOOR 5	127A10	1	"	"	19	P127, CH. 16
"	RD/GRN	ADDITIVE PUMPFILTER RIGHT BAG	F12 / DOOR 5	127A10	2	"	"	20	P127, CH. 17
"	ORG/GRN	SECONDARY MELTLINE 1 PART	F12 / DOOR 5	127A10	3	"	"	21	P127, CH. 18
"	BLK/WHT/RD	SECONDARY METLINE 2 PART	F12 / DOOR 5	127A10	4	"	"	22	P127, CH. 19
‘	WHT/BLK/RD	MELT LINE SAT. EXT. 1	F12 / DOOR 5	127A10	5	‘	‘	23	P127, CH. 20
"	RD/BLK/WHT	MELT LINE SAT. EXT. 2	F12 / DOOR 5	127A10	6	"	"	24	P127, CH. 21
"	GRN/BLK/WHT	COOL. EXT. 1 FEEDING ZONE	F12 / DOOR 5	127A10	7	"	"	25	P127, CH. 22
"	ORG/BLK/WHT	COOLING EXT. 1 ZONE 1	F12 / DOOR 5	127A10	8	"	"	26	P127, CH. 23
"	BLU/BLK/WHT	COOLING EXT. 1 ZONE 2	F12 / DOOR 5	127A10	9	"	"	27	P128, CH. 0
"	BLK/RD/GRN	COOLING EXT. 1 ZONE 3	F12 / DOOR 5	127A10	10	"	"	28	P128, CH. 1
"	WHT/RD/GRN	COOLING EXT. 1 ZONE 4	F12 / DOOR 5	127A10	11	"	"	29	P128, CH. 2
"	RD/BLK/GRN	CONNAIR LEFT BAG	F12 / DOOR 5	127A10	12	"	"	30	P128, CH. 3
"	GRN/BLK/ORG	COOLING EXTR. 2 ZONE 1	F12 / DOOR 5	127A10	13	"	"	31	P128, CH. 4
"	ORG/BLK/GRN	COOLING EXTR. 2 ZONE 2	F12 / DOOR 5	127A10	14	"	"	32	P128, CH. 5
"	BLU/WHT/ORG	COOLING EXTR. 2 ZONE 3	F12 / DOOR 5	127A10	15	"	"	33	P128, CH. 6
"	BLK/WHT/ORG	COOLING EXTR. 2 ZONE 4	F12 / DOOR 5	127A10	16	"	"	34	P128, CH. 7

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